

Third Grade Math Jeopardy



Math Jeopardy

Number, Number Sense and Operations

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|---------------|--|---|---|
| \$1 0 0 | Round to find the sum of \$3.86 and \$ 4.97 to the nearest dollar. | What is 29,872 in expanded form? | What is this number in standard form? $10,000 + 6,000 + 300 + 70 + 4$ |
| \$1 0 0 | What is the answer to a multiplication problem called? | Estimate the sum of 431 and 225 | If you have 2 one-dollar bills, 3 quarters, 2 dimes and 1 nickel, how much money do you have? |
| \$1 0 0 | What does the 2 in 36,284 represent? | Estimate the difference between 735 and 216. | Round 567,990 to the nearest ten thousand. |
| \$1 0 0 | Increase 464 by 3 tens. What is the new number? | Decrease 5,672 by 2 hundreds. What is the new number? | Round 88,045,987 to the nearest million? |

Math Jeopardy

Number, Number Sense and Operations

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|-------|--|--|--|
| \$200 | You gave the clerk a \$5 bill to purchase a notebook that costs \$1.50. How much did the clerk give you in change? | Which fraction is greater $\frac{1}{4}$ or $\frac{3}{4}$? | If there were 5 total cubes and two of the cubes were red, what fraction of the cubes are red? |
| \$200 | List all the even numbers between 50 and 59. | Compare 2,356 and 2,432 | Is 2,973 an odd or even number? |
| \$200 | What is another way to solve $5 + 5 + 5 + 5$? | 7×12 | How many quarters are in \$2.00? |
| \$200 | Give the names for the top and bottom number in a fraction? | Mrs. Crawford made 5 dozen cookies for the bake sale. How many cookies did she bake? | Write twenty-eight hundredths as a fraction. |

Math Jeopardy

Number, Number Sense and Operations

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|-------|--|---|--|
| \$300 | Harris has \$15.00. he spends 2 dollars each day for lunch. How much money will be left after 4 days | Labron scored 38 points in one basketball game and 43 points in another. What two numbers could best be used to estimate the total number of points he scored in the two games? | How much change would you get if you gave a \$1.00 bill to pay for something that cost \$0.49? |
| \$300 | You have 2 quarters, 1 dime and 1 nickel? What fraction of the coins are quarters? | If there are 10 cupcakes in a box, how many cupcakes are in 6 boxes? | $120 \div 6$ |
| \$300 | Put the fractions in order from largest to smallest. $\frac{1}{3}, \frac{1}{2}, \frac{1}{5}$ | Thomas has 20 nickels. How much money does he have? | $\frac{2}{7} + \frac{3}{7} =$ |
| \$300 | The product of two factors is 72. One factor is 8, what is the other factor? | Trae has 20 marbles, he gives one-fifth of his marbles to his younger brother, how many marbles does Trae have left? | Write four-hundredths as a fraction and a decimal. |

Math Jeopardy

Number, Number Sense and Operations

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|-------|---|---|---|
| \$400 | 5 children share 25 pieces of gum, how many pieces of gum does each child get? | The King family ordered a pizza for dinner. One child ate $\frac{1}{8}$ of the pizza and the other child ate $\frac{2}{8}$ of the pizza. How much of the pizza is left? | An i-Pod Mini® costs \$150. You have saved \$85.00. How much more money do you need to buy the i-Pod Mini®? |
| \$400 | An apples costs 20 cents, a banana costs 15 cents, and a pear costs 25 cents. If you spent exactly 85 cents, what fruits did you buy? | Kyle has 33 hats. He gave some of his hats away. He now has 18 hats, how many hats did he give away? | Mrs. Rand picked 15 flowers from her garden. She puts 3 flowers in each vase. How many vases will Mrs. Rand need? |
| \$400 | There are 12 donuts in a dozen. How many donuts are in 4 dozen? | Troy had \$40. He spent \$2.00 each week at the recreation center. How much money did he have left after 8 weeks? | 5,730 people attended the county fair on the first day and 6,892 people attended the fair on the second day. Estimate about how many people so far have attended the county fair. |
| \$400 | Erica saved \$13. She wants to buy a new soccer shirt that costs \$32. How much more money does Erica need to save? | Mrs. Jackson baked 2 dozen cookies. Her daughter invited 5 friends to help eat the cookies. How many cookies will each child get? | Joe has \$1.75. He needs \$2.50 to buy his favorite baseball card. How much more money does he need? |

Math Jeopardy

Number, Number Sense and Operations

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|--------------|--|---|---|
| \$100 | <p>Round to find the sum of \$3.86 and \$ 4.97 to the nearest dollar.</p> <p>\$9.00</p> | <p>What is 29,872 in expanded form?</p> <p>20,000 + 9,000 + 800 + 70 + 2</p> | <p>What is this number in standard form?</p> <p>10,000 + 6,000 + 300 + 70 + 4</p> <p>16,374</p> |
| \$100 | <p>What is the answer to a multiplication problem called?</p> <p>product</p> | <p>Estimate the sum of 431 and 225</p> <p>400 + 200 = 600</p> | <p>If you have 2 one-dollar bills, 3 quarters, 2 dimes and 1 nickel, how much money do you have?</p> <p>\$3.00</p> |
| \$100 | <p>What does the 2 in 36,284 represent?</p> <p>two hundred</p> | <p>Estimate the difference between 735 and 216.</p> <p>700 – 200 = 500</p> | <p>Round 567,990 to the nearest ten thousand.</p> <p>570,000</p> |
| \$100 | <p>Increase 464 by 3 tens. What is the new number?</p> <p>494</p> | <p>Decrease 5,672 by 2 hundreds. What is the new number?</p> <p>5,472</p> | <p>Round 88,045,987 to the nearest million?</p> <p>88,000,000</p> |

Math Jeopardy

Number, Number Sense and Operations

| | | | |
|---------------|--|---|--|
| \$2 0 0 | <p>You gave the clerk a \$5 bill to purchase a notebook that costs \$1.50. How much did the clerk give you in change?</p> <p>\$3.50</p> | <p>Which fraction is greater $\frac{1}{4}$ or $\frac{3}{4}$?</p> <p>$\frac{3}{4}$</p> | <p>If there were 5 total cubes and two of the cubes were red, what fraction of the cubes are red?</p> <p>$\frac{2}{5}$</p> |
| \$2 0 0 | <p>List all the even numbers between 50 and 59.</p> <p>52, 54, 56, 58</p> | <p>Compare 2,356 and 2,432</p> <p>$2,356 < 2,432$</p> | <p>Is 2,973 an odd or even number?</p> <p>odd</p> |
| \$2 0 0 | <p>What is another way to solve $5 + 5 + 5 + 5$?</p> <p>4×5</p> | <p>7×12</p> <p>84</p> | <p>How many quarters are in \$2.00?</p> <p>8 quarters</p> |
| \$2 0 0 | <p>Give the names for the top and bottom number in a fraction?</p> <p>numerator and denominator</p> | <p>Mrs. Crawford made 5 dozen cookies for the bake sale. How many cookies did she bake?</p> <p>60 cookies</p> | <p>Write twenty-eight hundredths as a fraction.</p> <p>$\frac{28}{100}$</p> |

Math Jeopardy

Number, Number Sense and Operations

| | | | |
|---------------------|--|---|---|
| <p>\$300</p> | <p>Harris has \$15.00. He spends 2 dollars each day for lunch. How much money will be left after 4 days</p> <p style="text-align: center;">\$7.00</p> | <p>Labron scored 38 points in one basketball game and 53 points in another. What two numbers could best be used to estimate the total number of points he scored in the two games?</p> <p style="text-align: center;">40 and 50 or $40 + 50 = 90$</p> | <p>How much change would you get if you gave a \$1.00 bill to pay for something that costs \$0.49?</p> <p style="text-align: center;">\$0.51</p> |
| <p>\$300</p> | <p>You have 2 quarters, 1 dime and 1 nickel? What fraction of the coins are quarters?</p> <p style="text-align: center;">$\frac{1}{2}$ or $\frac{2}{4}$</p> | <p>If there are 10 cupcakes in a box, how many cupcakes are in 6 boxes?</p> <p style="text-align: center;">60 cupcakes</p> | <p style="text-align: center;">$120 \div 6$</p> <p style="text-align: center;">20</p> |
| <p>\$300</p> | <p>Put the fractions in order from largest to smallest.</p> <p style="text-align: center;">$\frac{1}{3}, \frac{1}{2}, \frac{1}{5}$</p> <p style="text-align: center;">$\frac{1}{2}, \frac{1}{3}, \frac{1}{5}$</p> | <p>Thomas has 20 nickels. How much money does he have?</p> <p style="text-align: center;">\$1.00</p> | <p style="text-align: center;">$\frac{2}{7} + \frac{3}{7} =$</p> <p style="text-align: center;">$\frac{5}{7}$</p> |
| <p>\$300</p> | <p>The product of two factors is 72. One factor is 8, what is the other factor?</p> <p style="text-align: center;">9</p> | <p>Trae has 20 marbles, he gives one-fifth of his marbles to his younger brother, how many marbles does Trae have left?</p> <p style="text-align: center;">16 marbles</p> | <p>Write four-hundredths as a fraction and a decimal.</p> <p style="text-align: center;">$\frac{4}{100}$ and .04</p> |

Math Jeopardy

Number, Number Sense and Operations

| | | | |
|---------------------|--|---|---|
| <p>\$400</p> | <p>5 children share 25 pieces of gum, how many pieces of gum does each child get?</p> <p>5 pieces of gum</p> | <p>The King family ordered a pizza for dinner. One child ate $\frac{1}{8}$ of the pizza and the other child ate $\frac{2}{8}$ of the pizza. How much of the pizza is left? $\frac{5}{8}$</p> | <p>An i-Pod Mini® costs \$150. You have saved \$85.00. How much more money do you need to buy the i-Pod Mini ®?</p> <p>\$65</p> |
| <p>\$400</p> | <p>An apple costs 20 cents, a banana costs 15 cents, and a pear cost 25 cents. If you spent exactly 85 cents, what fruits did you buy?</p> <p>Answers will vary</p> | <p>Kyle has 33 hats. He gave some of his hats away. He now has 18 hats, how many hats did he give away?</p> <p>15 hats</p> | <p>Mrs. Rand picked 15 flowers from her garden. She puts 3 flowers in each vase. How many vases will Mrs. Rand need?</p> <p>5 vases</p> |
| <p>\$400</p> | <p>There are 12 donuts in a dozen. How many donuts are in 4 dozen?</p> <p>48 donuts</p> | <p>Troy had \$40. He spent \$2.00 each week at the recreation center. How much money did he have left after 8 weeks?</p> <p>\$24.00</p> | <p>5,730 people attended the county fair on the first day and 6,892 people attended the fair on the second day. Estimate about how many people so far have attended the county fair.</p> <p>13,000</p> |
| <p>\$400</p> | <p>Erica saved \$13. She wants to buy a new soccer shirt that cost \$32. How much more money does Erica need to save?</p> <p>\$19.00</p> | <p>Mrs. Jackson baked 2 dozen cookies. Her daughter invited 5 friends to help eat the cookies. How many cookies will each child get?</p> <p>4 cookies</p> | <p>Joe has \$1.75. He needs \$2.50 to buy his favorite baseball card. How much more money does he need?</p> <p>\$0.75</p> |

Math Jeopardy

Measurement

| | | | |
|-------|--|--|--|
| \$100 | If it is 3:30, what time will it be in 2 hours? | Would you use liters or grams to fill a fish tank? | Would you use liters or meters to measure the length of soccer field? |
| \$100 | Would a bowling ball weigh more or less than a pound? | How many inches are in a yard? | How many quarts are in a gallon? |
| \$100 | How many ounces in a pound? | Would the thickness of an eyelash be measured in centimeters or millimeters? | Would the amount of water in a pitcher be measured in fluid ounces or pounds?. |
| \$100 | Would you measure the length of a driveway in meters or grams? | Would you need to know the perimeter, area or volume of a picture to make a frame for a picture? | How many inches in a foot? |

Math Jeopardy

Measurement

| | | | |
|-------|---|---|--|
| \$200 | Terri picked up a package at the post office that weighed 853 grams. Is this weight more or less than a kilogram? | Half past 7 is the same as what time? | It is 5:15. What time was it 3 hours and 30 minutes before now? |
| \$200 | About how much does a newborn baby weigh? 7 pounds or 7 ounces | How many months are in 3 years? | How many inches are in 4 feet? |
| \$200 | If 4 cups are in a quart, how many cups are in a gallon? | Which is greater 4 feet or 1 yard? | Mr. Carpenter wants to tile his bathroom floor. Does he need to know the perimeter, area, or volume? |
| \$200 | Which item is most likely to be measured in grams? a bike, a dog, or paper clip | What is a reasonable measurement of how tall a tree in your neighborhood might be 20 feet or 20 miles? | About how much does a folder weigh? 2 ounces, 2 pounds, or 2 inches |

Math Jeopardy

Measurement

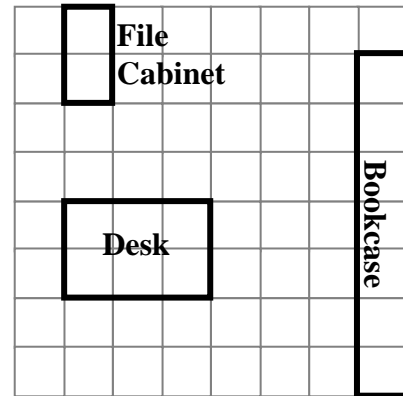
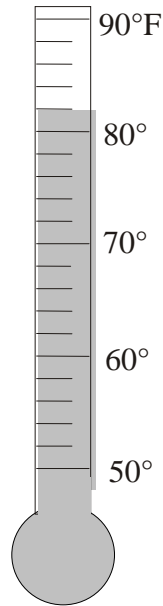
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|-------|---|--|---|
| \$300 | Maria practices her piano each night for 2 hours. How many hours does she practice in one week? | If there are 24 hours in one day, how many hours are in 2 days? | Are you more likely to go swimming or skiing if the temperature is 30° F? |
| \$300 | If choir practice starts at 6:15 and ends at 7:20, how long was choir practice? | When would you use liters? Finding the weight, length or volume. | To measure the amount of liquid in a bath tub would you use grams, liters, or meters? |
| \$300 | If you left for a trip on August 5 th and were gone for 6 nights, what day would you return? | Would your community swimming pool use milliliters, kiloliters or liters to fill the pool? | Carla walks 2.5 miles to school and 2.5 miles back home each day. How many miles does Carla walk in 5 days? |
| \$300 | A square measures 2 inches on each side. What is the perimeter? | What season would it be if the temperature was 29°Celsius? | Christopher left his house at 10:20 a.m. He returned 2 hours and 50 minutes later. What time did he return? |

Math Jeopardy

Measurement


\$4
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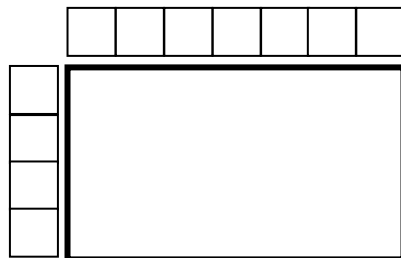
What temperature does the thermometer show?



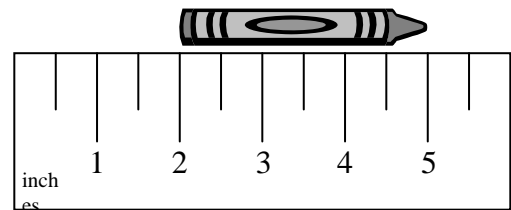
Compare the area of the file cabinet and the bookcase. How much more area does the bookcase cover?

\$4
0
0

In gym class, the students were asked to jog one time around the playground. If each side of the square  is 2 yards, how many yards did the students jog? Explain your answer.



What is the length of the crayon?

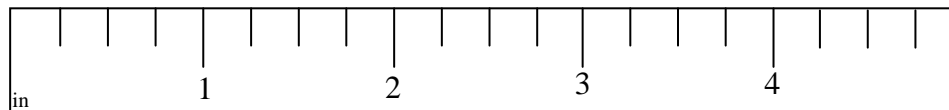


Math Jeopardy

Measurement

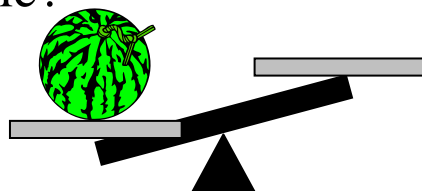
\$4
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Draw a line above the ruler that is $3\frac{3}{4}$ inches long.

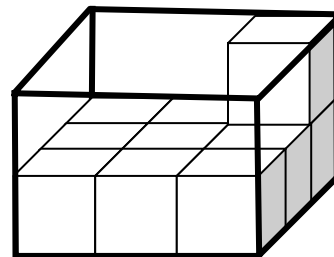


\$4
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Mrs. Edwards was shopping at the grocery store. She wanted to measure the weight of her watermelon. The watermelon weighed 7 pounds. How many 16 ounce weights would she need to balance the scale?



J.J. estimated the number of blocks that would fit in his box to be 18. Raven said that they could fit 24 in the box. Who is right? Explain your answer.



Math Jeopardy

Measurement

| | | | |
|--------------|--|--|--|
| \$100 | <p>If it is 3:30, what time will it be in 2 hours?</p> <p style="text-align: center;">5:30</p> | <p>Would you use liters or grams to fill a fish tank?</p> <p style="text-align: center;">liters</p> | <p>Would you use liters or meters to measure the length of the soccer field?</p> <p style="text-align: center;">meters</p> |
| \$100 | <p>Would a bowling ball weigh more or less than a pound?</p> <p style="text-align: center;">more than a pound</p> | <p>How many inches are in a yard?</p> <p style="text-align: center;">36 inches</p> | <p>How many quarts are in a gallon?</p> <p style="text-align: center;">4 quarts</p> |
| \$100 | <p>How many ounces in a pound?</p> <p style="text-align: center;">16 ounces</p> | <p>Would the thickness of an eyelash be measured in centimeters or millimeters?</p> <p style="text-align: center;">millimeters</p> | <p>Would the amount of water in a pitcher be measured in fluid ounces or pounds?.</p> <p style="text-align: center;">fluid ounces</p> |
| \$100 | <p>Would you measure the length of a driveway in meters or grams?</p> <p style="text-align: center;">meters</p> | <p>Would you need to know the perimeter, area or volume to make a frame for a picture?</p> <p style="text-align: center;">perimeter</p> | <p>How many inches in a foot?</p> <p style="text-align: center;">12 inches</p> |

Math Jeopardy

Measurement

| | | | |
|---------------------|---|---|--|
| <p>\$200</p> | <p>Terri picked up a package at the post office that weighed 853 grams. Is this weight more or less than a kilogram?</p> <p>less than a kilogram</p> | <p>Half past 7 is the same as what time?</p> <p>7:30</p> | <p>It is 5:15. What time was it 3 hours and 30 minutes before now?</p> <p>1:45</p> |
| <p>\$200</p> | <p>About how much does a newborn baby weigh? 7 pounds or 7 ounces</p> <p>7 pounds</p> | <p>How many months are in 3 years?</p> <p>36 months</p> | <p>How many inches are in 4 feet?</p> <p>48 inches</p> |
| <p>\$200</p> | <p>If 4 cups are in a quart, how many cups are in a gallon?</p> <p>16 cups</p> | <p>Which is greater 4 feet or 1 yard?</p> <p>4 feet</p> | <p>Mr. Carpenter wants to tile his bathroom floor. Does he need to know the perimeter, area, or volume?</p> <p>area</p> |
| <p>\$200</p> | <p>Which item is most likely to be measured in grams? a bike, a dog, or paper clip</p> <p>paper clip</p> | <p>What is a reasonable measurement of how tall a tree in your neighborhood might be 20 feet or 20 miles?</p> <p>20 feet</p> | <p>About how much does a folder weigh? 2 ounces, 2 pounds, or 2 inches</p> <p>2 ounces</p> |

Math Jeopardy

Measurement

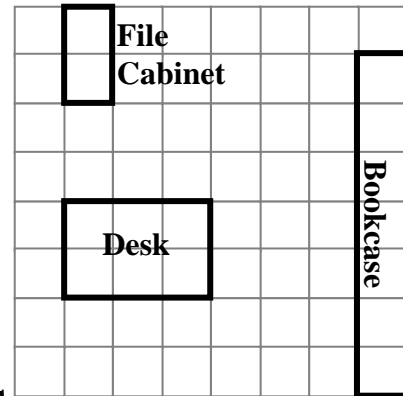
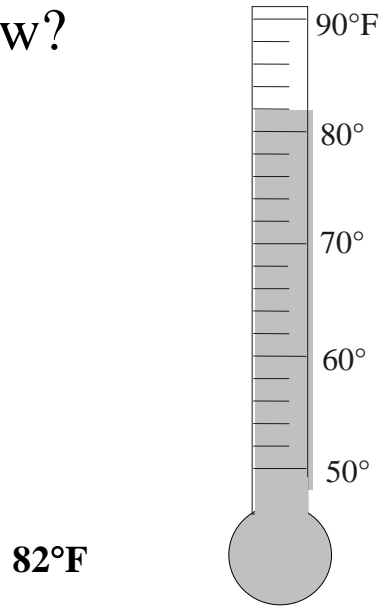
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|---------------------|---|--|---|
| <p>\$300</p> | <p>Maria practices her piano each night for 2 hours. How many hours does she practice in one week?</p> <p>14 hours</p> | <p>If there are 24 hours in one day, how many hours are in 2 days?</p> <p>48 hours</p> | <p>Are you more likely to go swimming or snow skiing if the temperature is 30° F?</p> <p>snow skiing</p> |
| <p>\$300</p> | <p>If choir practice starts at 6:15 and ends at 7: 20, how long was choir practice?</p> <p>1 hour 5 minutes</p> | <p>When would you use liters, finding the weight, length, or volume?</p> <p>volume</p> | <p>To measure the amount of liquid in a bathtub would you use grams, liters, or meters?</p> <p>liters</p> |
| <p>\$300</p> | <p>If you left for a trip on August 5th and were gone for 6 nights, what day would you return?</p> <p>August 11</p> | <p>Would your community swimming pool use milliliters, kiloliters or liters to measure the amount of water in the pool?</p> <p>kiloliters</p> | <p>Carla walks 2.5 miles to school and 2.5 miles back home each day. How many miles does Carla walk in 5 days?</p> <p>25 miles</p> |
| <p>\$300</p> | <p>A square measures 2 inches on each side. What is the perimeter?</p> <p>8 inches</p> | <p>What season would it be if the temperature was 29°Celsius?</p> <p>summer</p> | <p>Christopher left his house at 10:20 a.m. He returned 2 hours and 50 minutes later. What time did he return?</p> <p>1:10</p> |

Math Jeopardy

Measurement

\$4
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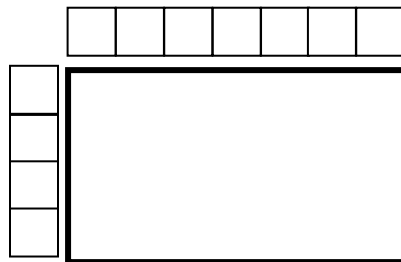
What temperature does the thermometer show?



Compare the area of the file cabinet and the bookcase. How much more area does the bookcase cover?
5 square units

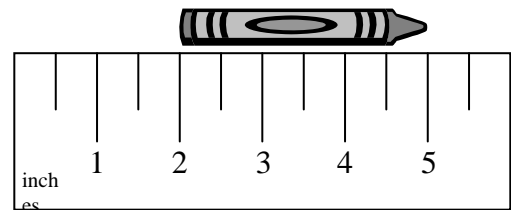
\$4
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In gym class, the students were asked to jog one time around the playground. If each one side is 2 yards, how many yards did the students jog? Explain your answer.



44 yards 11 squares go around half the perimeter. $11 \times 2 = 22$ The other half is also 22 yds. $22 + 22 = 44$ yards

What is the length of the crayon?



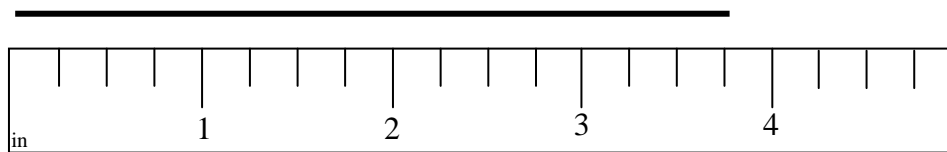
3 inches

Math Jeopardy

Measurement

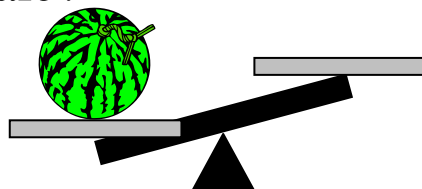
\$4
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Draw a line above the ruler that is $3\frac{3}{4}$ inches long.

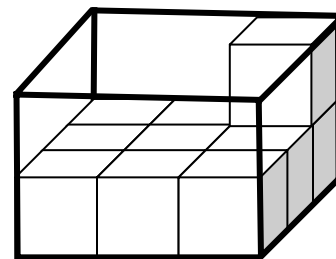


\$4
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Mrs. Edwards was shopping at the grocery store. She wanted to measure the weight of her watermelon. The watermelon weighed 7 pounds. How many 16 ounce weights would she need to balance the scale?



J.J. estimated the number of blocks that would fit in his box to be 18. Raven said that they could fit 24 in the box. Who is right? Explain your answer.



18 would fit altogether because there are 2 layers of 9

Math Jeopardy

Geometry and Spatial Sense

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|-------|--|--|--|
| \$100 | How many faces does a cube have? | What is the shape of the base of a square pyramid? | Is a triangle two-dimensional or three-dimensional? |
| \$100 | Tell the number of sides and angles that a hexagon has. | How many faces does a rectangular prism have? | How many lines of symmetry does an equivalent triangle have? |
| \$100 | In a coordinate pair does the first number move along the x or y axis? | How many lines of symmetry does a rectangle that is not a square have? | What is the measure of a right angle? |
| \$100 | Is a 45° angle obtuse or acute? | How many lines of symmetry does a square have? | How many edges are on a cube? |

Math Jeopardy

Geometry and Spatial Sense

| | | | |
|-------|--|---|--------------------------------------|
| \$200 | What is an angle called that measures 180° ? | What is an angle called that is greater than 90° but less than 180° ? | A five sided figure is called_____ |
| \$200 | Name two different quadrilaterals. | Lines that never intersect are called _____ | A four-sided shape is called a _____ |
| \$200 | Name a three-dimensional object that looks like a paint can. | Name an object that looks like a rectangular prism. | An octagon has _____sides. |
| \$200 | Which has more sides an octagon or a hexagon? | If your finger is on (2, 3) on a coordinate grid, and you want to move to (2,5), in what direction will you move your finger? | A quadrilateral has _____ sides. |

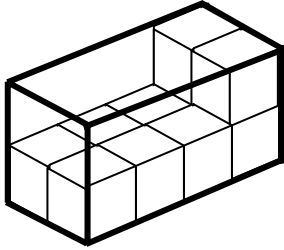
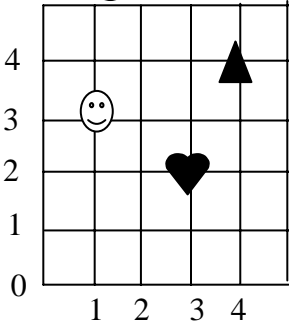
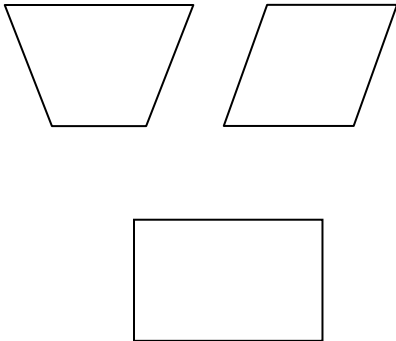
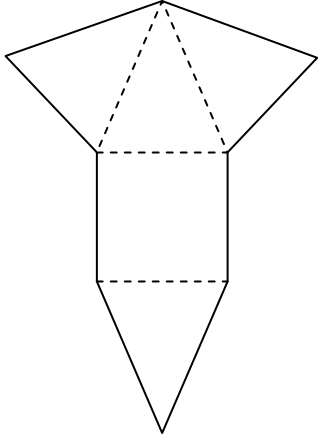
Math Jeopardy

Geometry and Spatial Sense

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|-------|--|---|---|
| \$300 | What is the shape called that has 4 sides, 4 right angles and all sides are congruent? | A refrigerator has what three-dimensional shape? | A cube has ____ faces, ____ edges, and ____ vertices. |
| \$300 | A license plate has what shape? | True or false: a five-dollar bill has four right angles. | Name a three-dimensional figure having all rectangular faces. |
| \$300 | How does a hexagon differ from a pentagon? | Name a three-dimensional figure whose faces are triangles with a common vertex. | Give an example of a cube. |
| \$300 | A drinking glass is in the shape of what geometric figure? | What is the name of an angle that measures 90° ? | True or false: figures that are the same shape but not the same size are congruent. |

Math Jeopardy

Geometry and Spatial Sense

| | | |
|--|---|--|
| <p style="text-align: center;">\$4 0 0</p> | <p style="text-align: center;">How many more blocks are needed to build this prism?</p>  | <p style="text-align: center;">Identify the shape that is located at the point (3, 2) on the grid.</p>  |
| <p style="text-align: center;">\$4 0 0</p> | <p style="text-align: center;">Look at the set of shapes below. Draw a shape that belongs in the set.</p>  | <p style="text-align: center;">Will this net make a prism or a pyramid?</p>  |

Math Jeopardy

Geometry and Spatial Sense

| | | | |
|--------------|--|---|--|
| \$100 | <p>How many faces does a cube have?</p> <p style="text-align: center;">6</p> | <p>What is the shape of the base of a square pyramid?</p> <p style="text-align: center;">square</p> | <p>Is a triangle two-dimensional or three-dimensional?</p> <p style="text-align: center;">two-dimensional</p> |
| \$100 | <p>Tell the number of sides and angles that a hexagon has.</p> <p style="text-align: center;">6 sides, 6 angles</p> | <p>How many faces does a rectangular prism have?</p> <p style="text-align: center;">6</p> | <p>How many lines of symmetry does an equilateral triangle have?</p> <p style="text-align: center;">3</p> |
| \$100 | <p>In a coordinate pair does the first number move along the x-or-y axis?</p> <p style="text-align: center;">x-axis</p> | <p>How many lines of symmetry does a rectangle that is not a square have?</p> <p style="text-align: center;">2</p> | <p>What is the measure of a right angle?.</p> <p style="text-align: center;">90°</p> |
| \$100 | <p>Is a 45° angle obtuse or acute?</p> <p style="text-align: center;">acute angle</p> | <p>How many lines of symmetry does an square have?</p> <p style="text-align: center;">4</p> | <p>How many edges are on a cube?</p> <p style="text-align: center;">12</p> |

Math Jeopardy

Geometry and Spatial Sense

| | | | |
|-------|---|--|---|
| \$200 | <p>What is an angle called that measures 180°?</p> <p>straight angle</p> | <p>What is an angle called that is greater than 90° but less than 180°?</p> <p>obtuse angle</p> | <p>A five sided figure is called_____</p> <p>a pentagon</p> |
| \$200 | <p>Name two different quadrilaterals.</p> <p>Answers will vary. e.g., rhombus, trapezoid, etc.</p> | <p>Lines that never intersect are called _____</p> <p>parallel lines</p> | <p>A four-sided shape is called a _____</p> <p>quadrilateral</p> |
| \$200 | <p>Name a three-dimensional object that looks like a paint can.</p> <p>a cylinder</p> | <p>Name an object that looks like a rectangular prism.</p> <p>Answers will vary. e.g., a box of tissues</p> | <p>An octagon has _____sides.</p> <p>8</p> |
| \$200 | <p>Which has more sides an octagon or a hexagon?</p> <p>an octagon</p> | <p>If your finger is on (2,3) on a coordinate grid, and you want to move to (2,5), in what direction will you move your finger?</p> <p>up</p> | <p>A quadrilateral has _____ sides.</p> <p>4</p> |

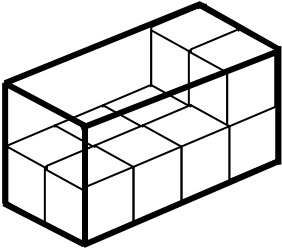
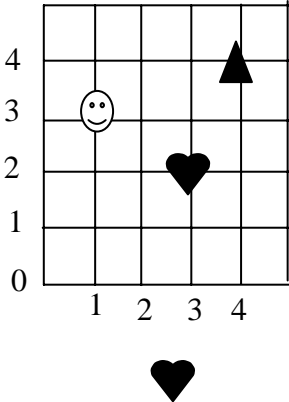
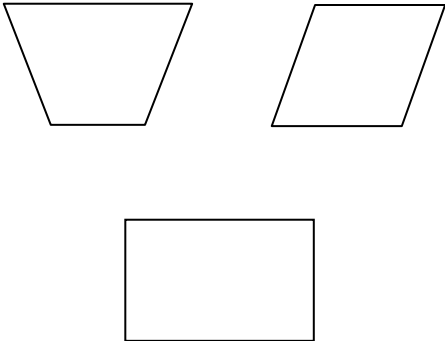
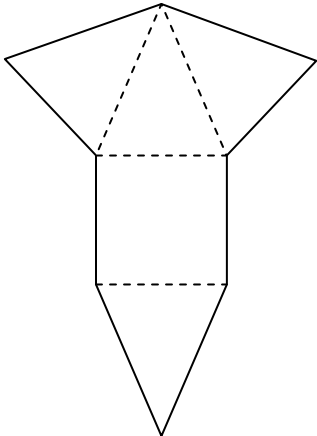
Math Jeopardy

Geometry and Spatial Sense

| | | | |
|---------------------|--|--|---|
| <p>\$300</p> | <p>What is the shape called that has 4 sides, 4 right angles and all sides are congruent?</p> <p>a square</p> | <p>A refrigerator has what three-dimensional shape?</p> <p>a rectangular prism</p> | <p>A cube has ____ faces, ____ edges, and ____ vertices.</p> <p>6 faces, 12 edges, 8 vertices</p> |
| <p>\$300</p> | <p>A license plate has what shape?</p> <p>rectangular</p> | <p>True or false: a five-dollar bill has four right angles.</p> <p>true</p> | <p>Name a three-dimensional figure having all rectangular faces.</p> <p>rectangular prism</p> |
| <p>\$300</p> | <p>How does a hexagon differ from a pentagon?</p> <p>A hexagon has 6 sides and 6 angles and a pentagon has 5 sides and 5 angles</p> | <p>Name a three-dimensional figure whose faces other than the base are triangles with a common vertex.</p> <p>a pyramid</p> | <p>Give an example of a cube.</p> <p>Answers will vary.</p> <p>e.g., sugar cube, tissue box, etc.</p> |
| <p>\$300</p> | <p>A drinking glass is in the shape of what geometric figure?</p> <p>a cylinder</p> | <p>What is the name of an angle that measures 90°?</p> <p>right</p> | <p>True or false: figures that are the same shape but not the same size are congruent.</p> <p>false</p> |

Math Jeopardy

Geometry and Spatial Sense

| | | |
|--|---|---|
| <p style="text-align: center; font-size: 2em;">\$4 0 0</p> | <p style="text-align: center;">How many more blocks are needed to build this prism?</p> <div style="text-align: center;">  </div> <p style="text-align: center;">6</p> | <p style="text-align: center;">Identify the shape that is located at the point (3, 2) on the grid.</p> <div style="text-align: center;">  </div> |
| <p style="text-align: center; font-size: 2em;">\$4 0 0</p> | <p style="text-align: center;">Look at the set of shapes below. Draw a shape that belongs in the set.</p> <div style="text-align: center;">  </div> <p style="text-align: center;">answers will vary</p> | <p style="text-align: center;">Will this net make a prism or a pyramid?</p> <div style="text-align: center;">  </div> <p style="text-align: center;">pyramid</p> |

Math Jeopardy

Patterns, Functions and Algebra

| | | | |
|-------|---|---|--|
| \$100 | <p>What number does the ♥ represent?</p> $14 = \heartsuit + 6$ | <p>There are 6 hats in the closet. 2 are red and the rest are blue. Write a number sentence to show how many hats are blue.</p> | <p>Describe the rule in this pattern?</p> <p>82, 86, 90, 94</p> |
| \$100 | <p>What number does the □ represent?</p> $3 + \square = 15$ | <p>Describe the rule in this pattern?</p> <p>1, 2, 3, 4, 5</p> | <p>$2 + 6 = \blacklozenge + 2$</p> <p>$\blacklozenge = \underline{\hspace{1cm}}$</p> |
| \$100 | <p>Paul has 5 fish and Maria has 6 fish. Write a number sentence that tells how many fish they have altogether.</p> | <p>What number does the ∇ represent?</p> $12 - \nabla = 8$ | <p>Name the missing number in this pattern.</p> <p>25, 30, ____, 40, 45</p> |
| \$100 | <p>Name the missing number in this pattern.</p> <p>43, 48, 53, ____</p> | <p>14 birds were in a tree. 5 birds flew away. Write a number sentence to show how many birds are still in the tree.</p> | <p>What number does ♥ represent?</p> $4 \times \heartsuit = 16$ |

Math Jeopardy

Patterns, Functions and Algebra

| | | | |
|--------------|--|--|--|
| <p>\$200</p> | <p>Which number makes this number sentence true?</p> $\square + 2 > 10$ | <p>Mr. Hall planted five rows of corn with 10 plants in each row. Write a number sentence that tells how many corn plants he planted in all.</p> | <p>Describe the rule in this pattern?</p> <p>10, 20, 30, 40</p> |
| <p>\$200</p> | <p>What is the missing number in the pattern?</p> <p>282, 291, 300, _____, 318</p> | <p>Which number makes this number sentence true?</p> $4 + \square > 12$ | <p>What number is missing in the pattern?</p> <p>50, 75, ____, 125</p> |
| <p>\$200</p> | <p>Tonya planted 13 tomato plants. Paula planted 15 tomato plants. Write a number sentence that shows how to find the total number of plants they planted?</p> | <p>Describe the rule in this pattern?</p> <p>3, 6, 9, 12</p> | <p>Myesha had 18 apples. She and her friends ate 5 of them. Write a number sentence to show how many apples Myesha has left.</p> |
| <p>\$200</p> | <p>Describe the rule in this pattern?</p> <p>4, 8, 12, 16</p> | <p>Mrs. Smith baked 24 cookies for her son's friends. Her son has 5 friends. Write a number sentence to show how many cookies her son and each of his five friends will get.</p> | <p>Which number makes this number sentence true?</p> $2 + \square < 15$ |

Math Jeopardy

Patterns, Functions and Algebra

| | | | |
|-------|---|--|---|
| \$300 | What is the rule for this pattern? 1, 4, 16, 64 | Write a number sentence to represent five more than a number is greater than eight. | Write the next two numbers in this pattern 3, 5, 8, 12, 17____,_____ |
| \$300 | 8 children are going to share 16 pieces of candy. Each child gets the same number of pieces. Write a number sentence to show how many pieces each child will get. | Trae has 75 cents. He needs \$1.50 to buy a package of ink pens. Write a number sentence to show how much more money he needs. | Write a number that makes this number sentence true? $\nabla + 5 < 15$ |
| \$300 | Carolyn has \$45.00. If she spends \$3.00 each day to ride the subway, how much will she have left after 5 days? | Write the missing numbers to complete this pattern and describe the rule. 1, 3, 5, 7, __, __ | Write the missing number to complete the pattern. \$1.25, \$2.50, __, \$5.00 |
| \$300 | Write the missing numbers in this sequence. 26,30,____, 38,42,_____ | Marcy has 30 balloons. She gives all of the balloons to five of her friends. Write a number sentence to show how many balloons each friend gets. | Maria sold 12 candy bars. Erica sold 19 candy bars. Write a number sentence to find the total number of candy bars they sold? |

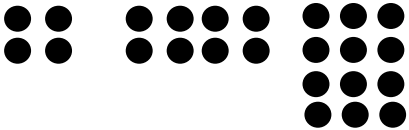

Math Jeopardy

Patterns, Functions and Algebra

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--|-------|--------|----|----|----|----|----|----|----|----|---|---------------|---|---|---|---|----|---|----|---|--|---|--|
| <div>\$400</div> | <table><tr><td>A</td><td>B</td></tr><tr><td>40</td><td>20</td></tr><tr><td>36</td><td>18</td></tr><tr><td>32</td><td>16</td></tr><tr><td>28</td><td></td></tr><tr><td></td><td>12</td></tr></table> <div>Fill in the missing numbers and explain the rule for the table.</div> | A | B | 40 | 20 | 36 | 18 | 32 | 16 | 28 | | | 12 | <div><div><div>•</div><div>••</div><div>•••</div><div>••••</div></div><div>What is the number of counters for the next shape in this pattern?</div></div> | | | | | | | | | | |
| | A | B | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 20 | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | 18 | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | 16 | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 12 | | | | | | | | | | | | | | | | | | | | | | | |
| <div>\$400</div> | <div>Write the rule for this input - output table?</div> <table><tr><td>input</td><td>output</td></tr><tr><td>10</td><td>20</td></tr><tr><td>12</td><td>24</td></tr><tr><td>14</td><td>28</td></tr><tr><td>16</td><td>32</td></tr></table> | input | output | 10 | 20 | 12 | 24 | 14 | 28 | 16 | 32 | <div>Complete the table to show how many pieces of candy would be in 5 packages.</div> <table><tr><td># of packages</td><td># of pieces of candy</td></tr><tr><td>1</td><td>5</td></tr><tr><td>2</td><td>10</td></tr><tr><td>3</td><td>15</td></tr><tr><td>4</td><td></td></tr><tr><td>5</td><td></td></tr></table> | # of packages | # of pieces of candy | 1 | 5 | 2 | 10 | 3 | 15 | 4 | | 5 | |
| input | output | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 20 | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 24 | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 28 | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 32 | | | | | | | | | | | | | | | | | | | | | | | |
| # of packages | # of pieces of candy | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5 | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 10 | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 15 | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | |

Math Jeopardy

Patterns, Functions and Algebra

| | | |
|------------------------|---|---|
| <p>\$4 0 0</p> | $5 \times 3 + \square < 23$ <p>What number would make this inequality true?</p> |  <p>What is the number of counters for the next shape in this pattern? Describe the rule.</p> |
| <p>\$4 0 0</p> | <p>Write a number that makes this number sentence true.</p> $\bigcirc - 7 > 6$ |  <p>What would be the next segment in this pattern?</p> |

Math Jeopardy

Patterns, Functions and Algebra

| | | | |
|--------------|---|---|--|
| \$100 | <p>What number does the ♥ represent?</p> $14 = \heartsuit + 6$ <p style="text-align: center;">8</p> | <p>There are 6 hats in the closet. 2 are red and the rest are blue. Write a number sentence to show how many hats are blue.</p> $2 + b = 6$ | <p>Describe the rule in this pattern?</p> <p style="text-align: center;">82, 86, 90, 94</p> <p style="text-align: center;">add 4</p> |
| \$100 | <p>What number does the □ represent?</p> $3 + \square = 15$ <p style="text-align: center;">12</p> | <p>Describe the rule in this pattern?</p> <p style="text-align: center;">1, 2, 3, 4, 5</p> <p style="text-align: center;">add 1</p> | <p>$2 + 6 = \blacklozenge + 2$</p> <p style="text-align: center;">$\blacklozenge = \underline{\hspace{1cm}}$</p> <p style="text-align: center;">6</p> |
| \$100 | <p>Paul has 5 fish and Maria has 6 fish. Write a number sentence that tells how many fish they have altogether.</p> $5 + 6 = x$ | <p>What number does the ∇ represent?</p> $12 - \nabla = 8$ <p style="text-align: center;">4</p> | <p>Name the missing number in this pattern.</p> <p style="text-align: center;">25, 30, _____, 40, 45</p> <p style="text-align: center;">35</p> |
| \$100 | <p>Name the missing number in this pattern.</p> <p style="text-align: center;">43, 48, 53, _____</p> <p style="text-align: center;">58</p> | <p>14 birds were in a tree. 5 birds flew away. Write a number sentence to show how many birds are still in the tree.</p> $14 - 5 = x$ | <p>What number does ♥ represent?</p> $4 \times \heartsuit = 16$ <p style="text-align: center;">4</p> |

Math Jeopardy

Patterns, Functions and Algebra

| | | | |
|---------------------|--|--|---|
| <p>\$200</p> | <p>Which number makes this number sentence true?</p> $\square + 2 > 10$ <p>any number greater than 8</p> | <p>Mr. Hall planted five rows of corn with 10 plants in each row. Write a number sentence that tells how many corn plants he planted in all.</p> $5 \times 10 = x$ | <p>Describe the rule in this pattern?</p> <p>10, 20, 30, 40</p> <p>add 10</p> |
| <p>\$200</p> | <p>What is the missing number in the pattern?</p> <p>282, 291, 300, _____, 318</p> <p>309</p> | <p>Which number makes this number sentence true?</p> $4 + \square > 12$ <p>any number greater than 8</p> | <p>What number is missing in the pattern?</p> <p>50, 75, ____, 125</p> <p>100</p> |
| <p>\$200</p> | <p>Tonya planted 13 tomato plants. Paula planted 15 tomato plants. Write a number sentence that shows how to find the total number of plants they planted?</p> $13 + 15 = x$ | <p>Describe the rule in this pattern?</p> <p>3, 6, 9, 12</p> <p>add 3</p> | <p>Myesha had 18 apples. She and her friends ate 5 of them. Write a number sentence to show how many apples Myesha has left.</p> $18 - 5 = x$ |
| <p>\$200</p> | <p>Describe the rule in this pattern?</p> <p>4, 8, 12, 16</p> <p>add 4</p> | <p>Mrs. Smith baked 24 cookies for her son's friends. Her son has 5 friends. Write a number sentence to show how many cookies her son and each of his five friends will get.</p> $24 \div 6 = c$ | <p>Which number makes this number sentence true?</p> $2 + \square < 15$ <p>any number less than 12</p> |

Math Jeopardy

Patterns, Functions and Algebra

| | | | |
|---------------------|---|--|---|
| <p>\$300</p> | <p>What is the rule for this pattern? 1, 4, 16, 64</p> <p>multiply by 4</p> | <p>Write a number sentence to represent five more than a number is greater than eight.</p> <p>$x + 5 > 8$</p> | <p>Write the next two numbers in this pattern 3, 5, 8, 12, 17____,_____</p> <p>23, 30</p> |
| <p>\$300</p> | <p>8 children are going to share 16 pieces of candy. Each child gets the same number of pieces. Write a number sentence to show how many pieces each child will get.</p> <p>$16 \div 8 = x$</p> | <p>Trae has 75 cents. He needs \$1.50 to buy a package of ink pens. Write a number sentence to show how much more money he needs.</p> <p>$\\$ 0.75 + \square = \\$ 1.50$</p> | <p>Write a number that makes this number sentence true?</p> <p>$\nabla + 5 < 15$</p> <p>any number less than 10</p> |
| <p>\$300</p> | <p>Carolyn has \$45.00. If she spends \$3.00 each day to ride the subway, how much will she have left after 5 days?</p> <p>\$30.00</p> | <p>Write the missing numbers to complete this pattern and describe the rule.</p> <p>1, 3, 5, 7, __, __</p> <p>9, 11, add 2</p> | <p>Write the missing number to complete the pattern.</p> <p>\$1.25, \$2.50, __, \$5.00</p> <p>\$3.75</p> |
| <p>\$300</p> | <p>Write the missing numbers in this sequence.</p> <p>26,30,____, 38,42,_____</p> <p>34, 46</p> | <p>Marcy has 30 balloons. She gives all of the balloons to five of her friends. Write a number sentence to show how many balloons each friend gets.</p> <p>$30 \div 5 = x$</p> | <p>Maria sold 12 candy bars. Erica sold 19 candy bars. Write a number sentence to find the total number of candy bars they sold?</p> <p>$12 + 19 = x$</p> |

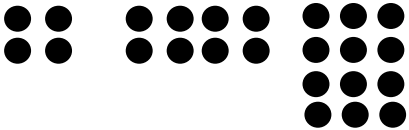

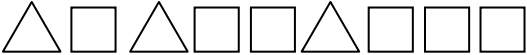

Math Jeopardy

Patterns, Functions and Algebra

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|-------|--------|----|----|----|----|----|----|----|----|---|---------------|--|---|---|---|----|---|----|---|----|---|----|
| <div>\$400</div> | <table><tr><td>A</td><td>B</td></tr><tr><td>40</td><td>20</td></tr><tr><td>36</td><td>18</td></tr><tr><td>32</td><td>16</td></tr><tr><td>28</td><td>14</td></tr><tr><td>24</td><td>12</td></tr></table> <div>Fill in the missing numbers and explain the rule for the table. \div by 2</div> | A | B | 40 | 20 | 36 | 18 | 32 | 16 | 28 | 14 | 24 | 12 | <div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div></div><div>What is the number of counters for the next shape in this pattern?</div><div>5</div></div> | | | | | | | | | | |
| A | B | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 20 | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | 18 | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | 16 | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 14 | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 12 | | | | | | | | | | | | | | | | | | | | | | | |
| <div>\$400</div> | <div>Write the rule for this input - output table?</div> <table><tr><td>input</td><td>output</td></tr><tr><td>10</td><td>20</td></tr><tr><td>12</td><td>24</td></tr><tr><td>14</td><td>28</td></tr><tr><td>16</td><td>32</td></tr></table> <div>multiply by 2</div> | input | output | 10 | 20 | 12 | 24 | 14 | 28 | 16 | 32 | <div>Complete the table to show how many pieces of candy would be in 5 packages.</div> <table><tr><td># of packages</td><td># of pieces of candy</td></tr><tr><td>1</td><td>5</td></tr><tr><td>2</td><td>10</td></tr><tr><td>3</td><td>15</td></tr><tr><td>4</td><td>20</td></tr><tr><td>5</td><td>25</td></tr></table> | # of packages | # of pieces of candy | 1 | 5 | 2 | 10 | 3 | 15 | 4 | 20 | 5 | 25 |
| input | output | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 20 | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 24 | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 28 | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 32 | | | | | | | | | | | | | | | | | | | | | | | |
| # of packages | # of pieces of candy | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5 | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 10 | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 15 | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 20 | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 25 | | | | | | | | | | | | | | | | | | | | | | | |

Math Jeopardy

Patterns, Functions and Algebra

| | | |
|--|--|--|
| <p style="text-align: center;">\$4 0 0</p> | $5 \times 3 + \square < 23$ <p style="text-align: center;">What number would make this inequality true?</p> <p style="text-align: center;">any number less than 8</p> |  <p style="text-align: center;">What is the number of counters for the next shape in this pattern? Describe the rule.</p> <p style="text-align: center;">16, add 4</p> |
| <p style="text-align: center;">\$4 0 0</p> | <p style="text-align: center;">Write a number that makes this number sentence true.</p> <div style="text-align: center;">  $- 7 > 6$ </div> <p style="text-align: center;">any number greater than 13</p> |  <p style="text-align: center;">What would be the next segment in this pattern?</p>  |

Math Jeopardy

Data Analysis and Probability

| | | | |
|-------|--|--|---|
| \$100 | Find the mode of 23, 45, 23, 56, and 23. | Rico has one blue block, one red block, and two orange blocks in his pocket. What is the probability that when he reaches in his pocket, he will pull out a red block? | What do the bars on a bar graph represent? |
| \$100 | Louis has one blue block, 4 red blocks, and 2 green blocks in a bag. What is the probability of pulling a black block out of the bag? | Find the mode of 72, 74, 72, 77, and 79. | True or False: Robert has 1 blue marble, 4 red marbles, and 1 green marble in his pocket. If he reached into his pocket he would be more likely to pull a red marble. |
| \$100 | If you had a spinner that had 4 equal parts, numbered 1, 2, 3, and 4, would you be more likely, less likely, or equally likely to land on one of the numbers on the spinner? | True or False: A symbol or a picture can represent more than one on a picture graph. | Name at least 2 pieces or parts of a graph. |
| \$100 | Find the mode of 43, 52, 43, 46, and 58. | True or False: The title of the graph tells how many one of the bars on the graph represents. | What do you call a graph that uses pictures to represent a given quantity? |

Math Jeopardy

Data Analysis and Probability

| | | | |
|-------|--|---|---|
| \$200 | On a number cube that has the numbers 1-6 which number are you mostly likely to roll? | If you were doing an experiment of pulling different cubes out of a bag, how could you keep track of all the cubes that were pulled? | In a survey about favorite types of music Rap was the mode. What does this mean? |
| \$200 | True or False: The key on a pictograph tells you what each symbol stands for. | J.J. had a bag of color tiles. There were 12 red, 20 blue, 9 green and 1 yellow tile. If he picked one tile out of the bag, which color would it least likely be? | What do pictures on a pictograph represent? |
| \$200 | You are packing for a weekend trip. You packed a pair of blue jeans, tan jeans, a white shirt, and a red shirt. How many different outfits can you make? | What is the difference between a pictograph and a bar graph? | You have a spinner that has 4 equal parts. 3 are red and 1 is blue. Are you more likely or less likely to land on blue? |
| \$200 | Name an event that is certain to happen. | If you rolled 1 number cube, would you be more likely to get a 3 or an even number? | Name an event that is impossible to happen. |

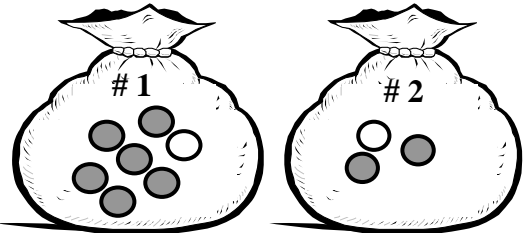
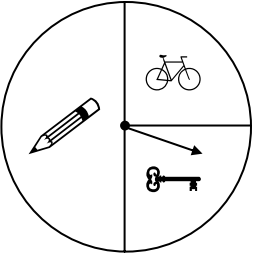
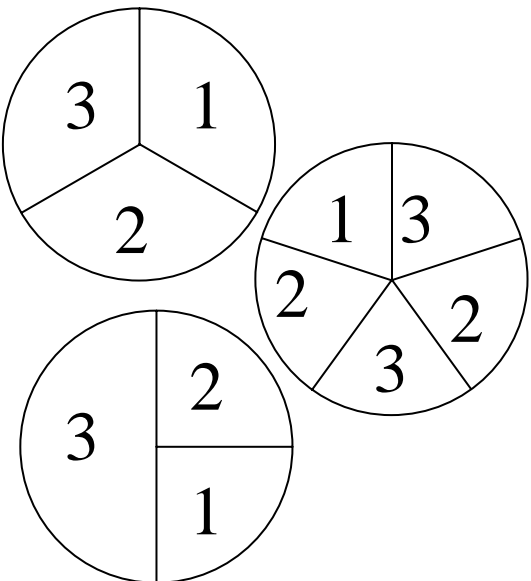
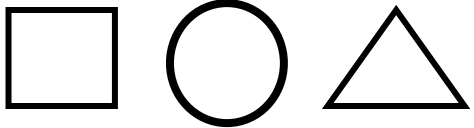
Math Jeopardy

Data Analysis and Probability

| | | | |
|-------|--|---|---|
| \$300 | You took a survey. 35 was the largest number of votes that any question got. What would be the best interval to use for a scale on this graph? | Luke asked his classmates to name their favorite sport. The mode of the data was football. What does the mode mean? | True or False: Bar graphs let you compare numbers by comparing the lengths of different bars. |
| \$300 | Mark, Reggie, and Will are in a relay. How many different ways can they finish the race? | What are the two events that can happen when you flip a coin? | Mrs. Thomas asked her class to name their favorite subject. The mode of the data was math? What does this mean? |
| \$300 | If each symbol on a pictograph represents 6 people, how many people would a half of a symbol represent? | You can order a sandwich with ham, turkey, or roast beef and American or Swiss cheese. How many different sandwiches can be made that have one type of cheese and one type of meat? | True or False: Line plots are useful because it is easy to see how data is grouped. |
| \$300 | True or False: All data must have a mode. | If you flip a coin, what is the probability of landing on heads? | If you have 5 shape cards; 2 cards with circles, 1 card with a square, 1 card with a triangle and 1 card with a rectangle. What is the probability of picking a card with a circle? |

Math Jeopardy

Data Analysis and Probability

| | | |
|--|---|--|
| <p style="text-align: center; font-size: 2em;">\$4 0 0</p> | <p style="text-align: center;">If you pulled one marble from each bag, which bag is the least likely to have a white marble pulled from it?</p> <div style="text-align: center;">  </div> | <p style="text-align: center;">On this spinner, what is the probability that you will <u>not</u> spin a bicycle?</p> <div style="text-align: center;">  </div> |
| <p style="text-align: center; font-size: 2em;">\$4 0 0</p> | <p style="text-align: center;">On which spinner are you most likely to spin 3?</p> <div style="text-align: center;">  </div> | <p style="text-align: center;">Show all of the different ways that you could arrange the following shapes.</p> <div style="text-align: center; font-size: 2em;">  </div> |

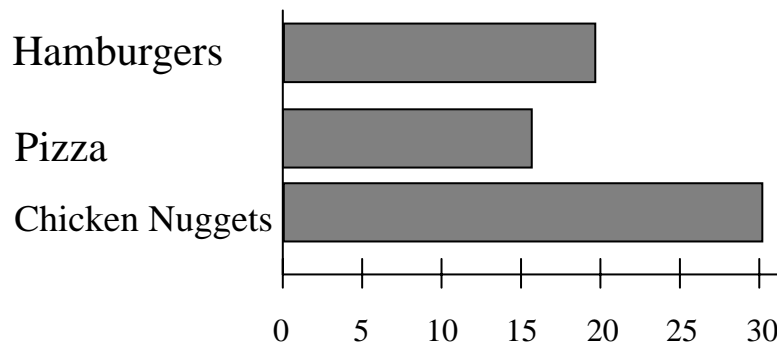
Math Jeopardy

Data Analysis and Probability

\$4
0
0

The graph shows the favorite fast foods for Dorina's class. What is the mode of the data?

Favorite Fast Foods



\$4
0
0

| Favorite Type of M&M® | | |
|-----------------------|-------|--------|
| | Plain | Peanut |
| Girls | 10 | 13 |
| Boys | 17 | 15 |

How many children liked peanut M&Ms®?

Math Jeopardy

Data Analysis and Probability

| <div>\$400</div> | <p>What is the mode of this data?</p> <table border="1" style="margin: 20px auto; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Number of Brothers</th> </tr> <tr> <th>Room</th><th>Number</th></tr> </thead> <tbody> <tr> <td>11</td><td>1, 2, 2, 3, 2,1,1</td></tr> <tr> <td>12</td><td>1,2,1,2,2,1,1,3,4</td></tr> <tr> <td>13</td><td>1,1,1,2,2,3,1,2,1,</td></tr> </tbody> </table> | Number of Brothers | | Room | Number | 11 | 1, 2, 2, 3, 2,1,1 | 12 | 1,2,1,2,2,1,1,3,4 | 13 | 1,1,1,2,2,3,1,2,1, |
|--------------------|---|--------------------|--|------|--------|----|-------------------|----|-------------------|----|--------------------|
| Number of Brothers | | | | | | | | | | | |
| Room | Number | | | | | | | | | | |
| 11 | 1, 2, 2, 3, 2,1,1 | | | | | | | | | | |
| 12 | 1,2,1,2,2,1,1,3,4 | | | | | | | | | | |
| 13 | 1,1,1,2,2,3,1,2,1, | | | | | | | | | | |
| <div>\$400</div> | <p>Mrs. Porter's class is having a pizza party. They recorded the number of slices the students wanted in the pictograph below. Mrs. Porter wants to order 2 more slices of cheese pizza for herself. How many total slices of pizza will she order?</p> <div style="border: 1px solid black; padding: 10px; margin: 20px auto; width: fit-content;"> <p style="text-align: center;">Pizza for Mrs.Porter's Class</p> <p>pepperoni ○ ○ ○ ◐</p> <p>cheese ○ ○ ○</p> <p>sausage ○ ○ ○ ◐</p> </div> <p style="text-align: center; margin-top: 10px;">Key : ○ = 4 slices</p> | | | | | | | | | | |

Math Jeopardy

Data Analysis and Probability

| | | | |
|---------------------|--|--|---|
| <p>\$100</p> | <p>Find the mode of 23, 45, 23, 56, and 23.</p> <p style="text-align: center;">23</p> | <p>Rico has one blue block, one red block, and two orange blocks in his pocket. What is the probability that when he reaches in his pocket, he will pull out a red block?</p> <p style="text-align: center;">$\frac{1}{4}$</p> | <p>What do the bars on a bar graph represent?</p> <p style="text-align: center;">the number of items in a category</p> |
| <p>\$100</p> | <p>Louis has one blue block, 4 red blocks, and 2 green blocks in a bag. What is the probability of pulling a black block out of the bag?</p> <p style="text-align: center;">impossible</p> | <p>Find the mode of 72, 74, 72, 77, and 79.</p> <p style="text-align: center;">72</p> | <p>True or False: Robert has 1 blue marble, 4 red marbles, and 1 green marble in his pocket. If he reached into his pocket he would be more likely to pull a red marble.</p> <p style="text-align: center;">true</p> |
| <p>\$100</p> | <p>If you had a spinner that had 4 equal parts, numbered 1, 2, 3, and 4, would you be more likely, less likely, or equally likely to land on one of the numbers on the spinner?</p> <p style="text-align: center;">equally likely</p> | <p>True or False: A symbol or a picture can represent more than one on a picture graph.</p> <p style="text-align: center;">true</p> | <p>Name at least 2 pieces or parts of a graph.</p> <p style="text-align: center;">answers will vary e.g., title, x-axis, y-axis, etc.</p> |
| <p>\$100</p> | <p>Find the mode of 43, 52, 43, 46, and 58.</p> <p style="text-align: center;">43</p> | <p>True or False: The title of the graph tells how many one of the bars on the graph represents.</p> <p style="text-align: center;">false</p> | <p>What do you call a graph that uses pictures to represent a given quantity?</p> <p style="text-align: center;">pictograph</p> |

Math Jeopardy

Data Analysis and Probability

| | | | |
|-------|---|--|--|
| \$200 | <p>On a number cube that has the numbers 1-6 which number are you mostly likely to roll?</p> <p>all the numbers have an equally likely chance of being rolled</p> | <p>If you were doing an experiment of pulling different cubes out of a bag, how could you keep track of all the cubes that were pulled?</p> <p>answers will vary e.g., chart, tree diagram, graph, etc.</p> | <p>In a survey about favorite types of music Rap was the mode. What does this mean?</p> <p>The favorite type of music was Rap.</p> |
| \$200 | <p>True or False: The key on a pictograph tells you what each symbol stands for.</p> <p>true</p> | <p>J.J. had a bag of color tiles. There were 12 red, 20 blue, 9 green and 1 yellow tile. If he picked one tile out of the bag, which color would it least likely be?</p> <p>yellow</p> | <p>What do pictures on a pictograph represent?</p> <p>a number</p> |
| \$200 | <p>You are packing for a weekend trip. You packed a pair of blue jeans, tan jeans, a white shirt, and a red shirt. How many different outfits can you make?</p> <p>4 different outfits (bw, br, tw, tr)</p> | <p>What is the difference between a pictograph and a bar graph?</p> <p>a pictograph has pictures that represent numbers and a bar graph has bars that represent numbers</p> | <p>You have a spinner that has 4 equal parts. 3 are red and 1 is blue. Are you more likely or less likely to land on blue?</p> <p>less likely</p> |
| \$200 | <p>Name an event that is certain to happen.</p> <p>answers will vary e.g., the sun will set each day</p> | <p>If you rolled 1 number cube, would you be more likely to get a 3 or an even number?</p> <p>even number</p> | <p>Name an event that is impossible to happen</p> <p>it will rain cats and dogs</p> |

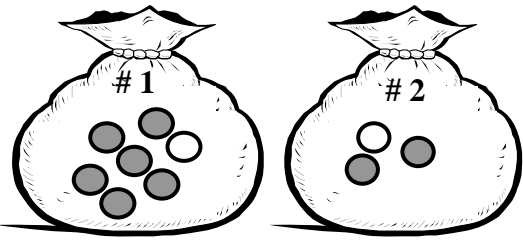
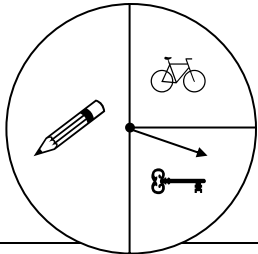
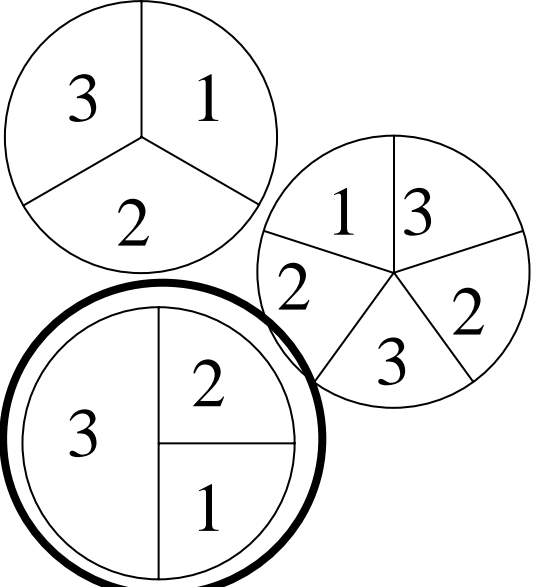
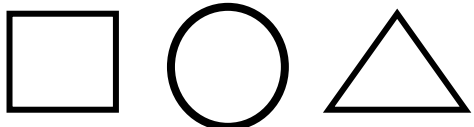

Math Jeopardy

Data Analysis and Probability

| | | | |
|--------------|--|---|---|
| <p>\$300</p> | <p>You took a survey. 35 was the largest number of votes that any question got. What would be the best interval to use for a scale on this graph?</p> <p>intervals of 5</p> | <p>Luke asked his classmates to name their favorite sport. The mode of the data was football. What does the mode mean?</p> <p>The favorite sport was football.</p> | <p>True or False: Bar graphs let you compare numbers by comparing the lengths of different bars.</p> <p>true</p> |
| <p>\$300</p> | <p>Mark, Reggie, and Will are in a relay. How many different ways can they finish the race?</p> <p>6 different ways mrw rmw wmr mwr rwm wrm</p> | <p>What are the two events that can happen when you flip a coin?</p> <p>heads or tails</p> | <p>Mrs. Thomas asked her class to name their favorite subject. The mode of the data was math? What does this mean?</p> <p>The favorite subject was math.</p> |
| <p>\$300</p> | <p>If each symbol on a pictograph represents 6 people, how many people would a half of a symbol represent?</p> <p>3 people</p> | <p>You can order a sandwich with ham, turkey, or roast beef and American or Swiss cheese. How many different sandwiches can be made that have one type of cheese and one type of meat?</p> <p>6 different sandwiches hs ha ts tar s ra</p> | <p>True or False: Line plots are useful because it is easy to see how data is grouped.</p> <p>true</p> |
| <p>\$300</p> | <p>True or False: All data must have a mode.</p> <p>false</p> | <p>If you flip a coin, what is the probability of landing on heads?</p> <p>$\frac{1}{2}$</p> | <p>If you have 5 shape cards; 2 cards with circles, 1 card with a square, 1 card with a triangle and 1 card with a rectangle. What is the probability of picking a card with a circle?</p> <p>$\frac{2}{5}$</p> |

Math Jeopardy

Data Analysis and Probability

| | | |
|--|---|---|
| <p style="text-align: center; font-size: 2em;">\$4 0 0</p> | <p>If you pulled one marble from each bag, which bag is the least likely to have a white marble pulled from it? bag # 1</p>  | <p>On this spinner, what is the probability that you will <u>not</u> spin a bicycle? $\frac{3}{4}$</p>  |
| <p style="text-align: center; font-size: 2em;">\$4 0 0</p> | <p>On which spinner are you most likely to spin 3?</p>  | <p>Show all of the different ways that you could arrange the following shapes.</p> <div style="display: flex; justify-content: space-around; align-items: center;">  </div> <p style="text-align: center;">6 different ways</p> <div style="display: flex; justify-content: space-around;">  </div> |

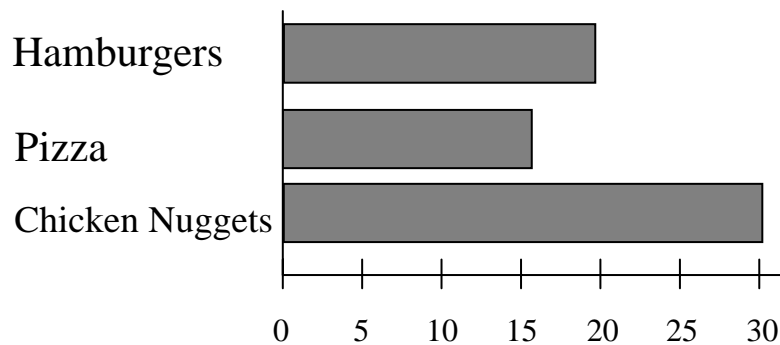
Math Jeopardy

Data Analysis and Probability

\$400

The graph shows the favorite fast foods for Dorina's class. What is the mode of the data?
chicken nuggets

Favorite Fast Foods



\$400

| Favorite Type of M&M® | | |
|-----------------------|-------|--------|
| | Plain | Peanut |
| Girls | 10 | 13 |
| Boys | 17 | 15 |

How many children liked peanut M&Ms®?
28 children liked peanut M & Ms

Math Jeopardy

Data Analysis and Probability

| <p>\$400</p> | <p style="text-align: center;">What is the mode of this data?</p> <p style="text-align: center;">1</p> <table border="1" style="margin: 20px auto; width: 60%;"> <tr> <th colspan="2">Number of Brothers</th></tr> <tr> <th>Room</th><th>Number</th></tr> <tr> <td>11</td><td>1, 2, 2, 3, 2,1,1</td></tr> <tr> <td>12</td><td>1,2,1,2,2,1,1,3,4</td></tr> <tr> <td>13</td><td>1,1,1,2,2,3,1,2,1,</td></tr> </table> | Number of Brothers | | Room | Number | 11 | 1, 2, 2, 3, 2,1,1 | 12 | 1,2,1,2,2,1,1,3,4 | 13 | 1,1,1,2,2,3,1,2,1, |
|------------------------------|---|------------------------------|--|-----------|---------|--------|-------------------|---------|-------------------|----|--------------------|
| Number of Brothers | | | | | | | | | | | |
| Room | Number | | | | | | | | | | |
| 11 | 1, 2, 2, 3, 2,1,1 | | | | | | | | | | |
| 12 | 1,2,1,2,2,1,1,3,4 | | | | | | | | | | |
| 13 | 1,1,1,2,2,3,1,2,1, | | | | | | | | | | |
| <p>\$400</p> | <p>Mrs. Porter's class is having a pizza party. They recorded the number of slices the students wanted in the pictograph below. Mrs. Porter wants to order 2 more slices of cheese pizza for herself. How many total slices of pizza will she order? 42 slices</p> <table border="1" style="margin: 20px auto; width: 60%;"> <tr> <th colspan="2">Pizza for Mrs.Porter's Class</th></tr> <tr> <td>pepperoni</td><td>○ ○ ○ ◐</td></tr> <tr> <td>cheese</td><td>○ ○ ○</td></tr> <tr> <td>sausage</td><td>○ ○ ○ ◐</td></tr> </table> <p style="text-align: center;">Key : ○ = 4 slices</p> | Pizza for Mrs.Porter's Class | | pepperoni | ○ ○ ○ ◐ | cheese | ○ ○ ○ | sausage | ○ ○ ○ ◐ | | |
| Pizza for Mrs.Porter's Class | | | | | | | | | | | |
| pepperoni | ○ ○ ○ ◐ | | | | | | | | | | |
| cheese | ○ ○ ○ | | | | | | | | | | |
| sausage | ○ ○ ○ ◐ | | | | | | | | | | |