SPRING

JUST PRINT!

Common Core Math Printables

5TH GRADE

By: Jennifer Findley

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CLICK HERE TO ACCESS A FOLDER WITH IMAGES OF EACH PRINTABLE. YOU MAY UPLOAD THESE INTO YOUR GOOGLE CLASSROOM OR DIGITAL LEARNING PLATFORM.

Fluttering through the Order of Operations

Name: _____ Date: _____

Directions: Solve each equation using the order of operations. Color the butterfly that matches the answer.

1. $145 - (3^2 \times 4) =$

64  544  109 

2. $45 \div 9 \times 12 - 8 =$

5  52  20 

3. $2^2 + 3 \times 4 - 12 =$

4  8  16 

4. $[155 - (3 \times 9) \times 2] - 12 =$

229  156  89 

5. $[(6 \times 2) + (5 \times 5)] \times 3 =$

129  111  97 

6. $2 \times \{15 + [24 - (1.5 \times 2)]\} =$

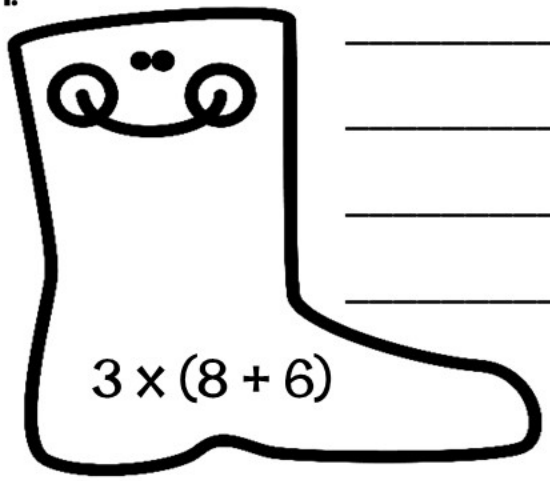
67  51  72 

Rainy Day EXPRESSIONS

Name: _____ Date: _____

Directions: Write the numerical or algebraic expression from each rain boot in words.

1.



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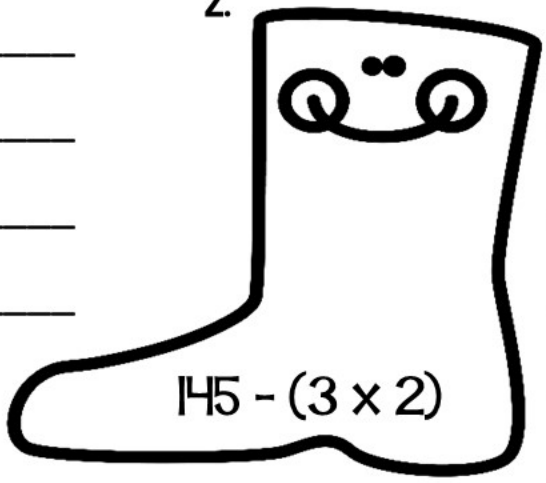

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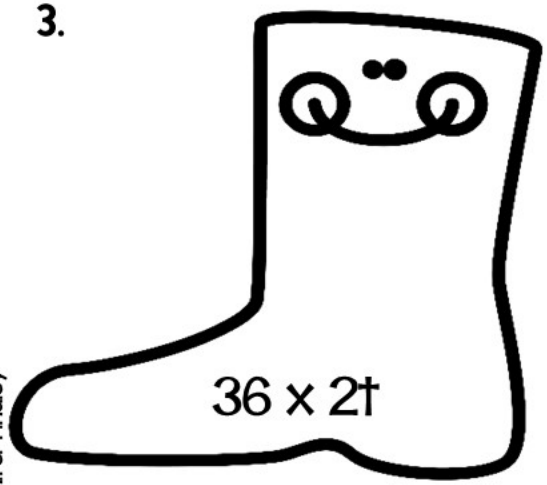

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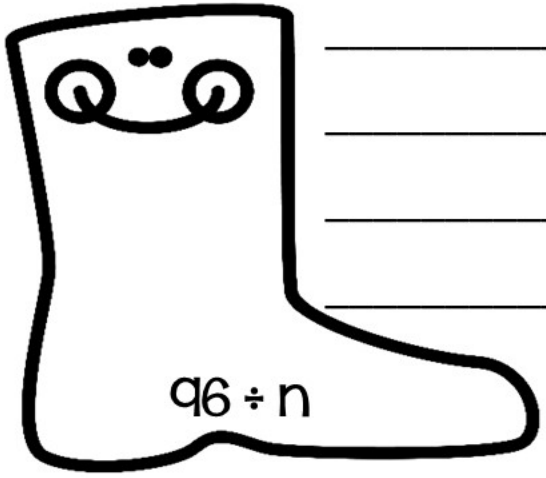


Cupcake POWERS OF 10

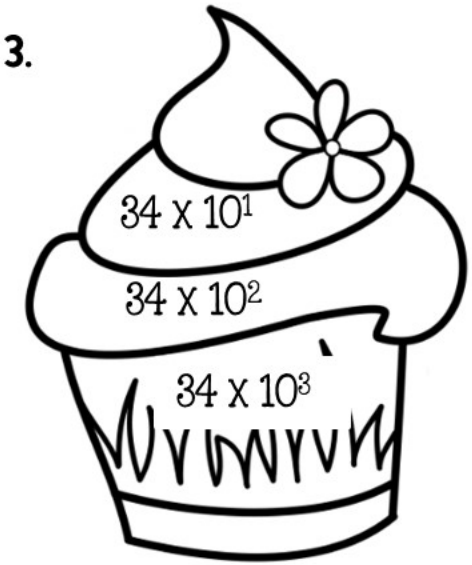
Name: _____ Date: _____

Directions: Solve the powers of 10 equations on the cupcakes.

1.

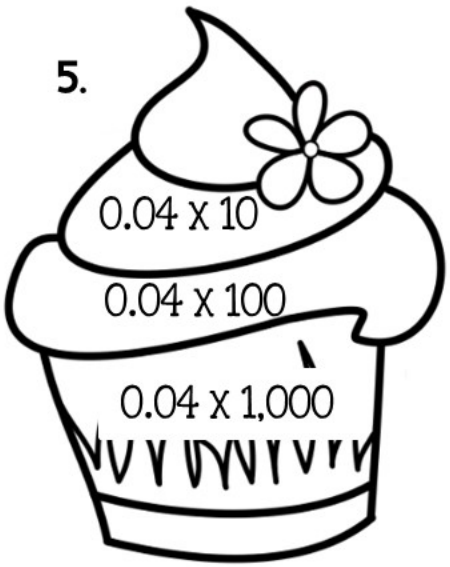
2.

3.



4.

5.



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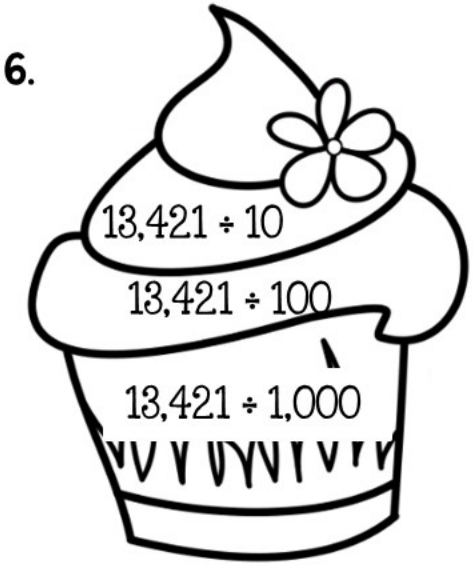


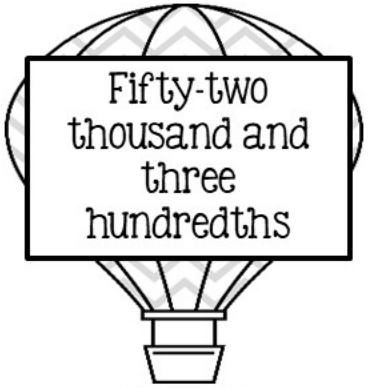
Hot Air Balloon Numbers

Name: _____ Date: _____

Directions: Follow the directions to write the number in a different form.

1.

Expanded Form

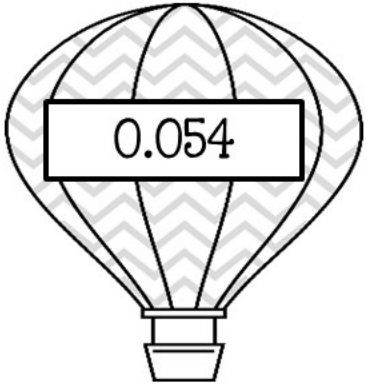


2.

Base Ten Numeral Form

3.

Number Name Form

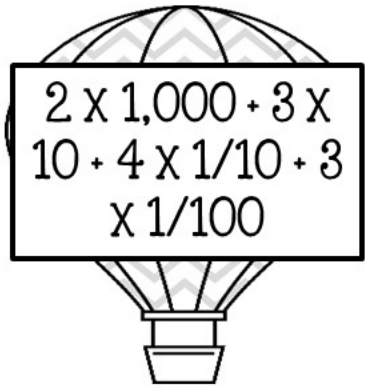


4.

Number Name Form

5.

Expanded Form



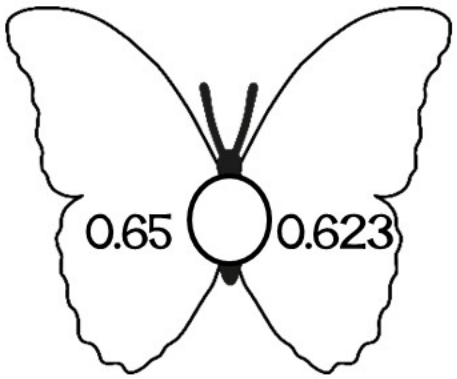
6.

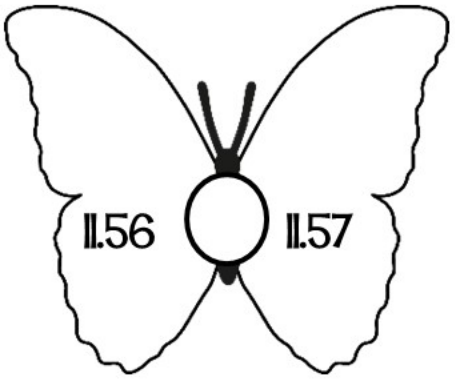
Base Ten Numeral Form

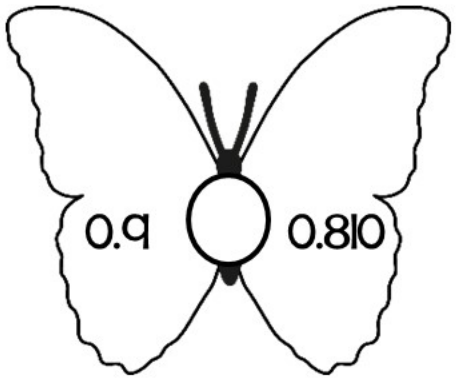
Butterfly Comparisons

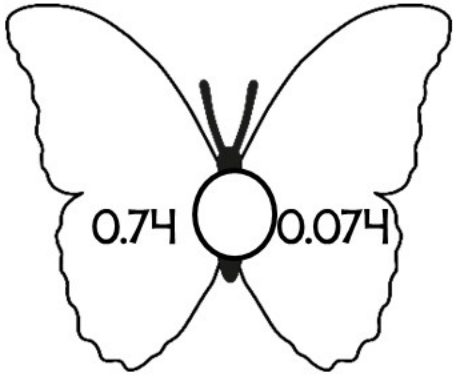
Name: _____ Date: _____

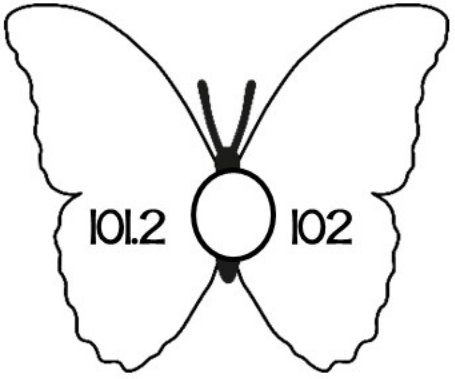
Directions: Compare the decimals on the butterflies' wings using <, >, or =.

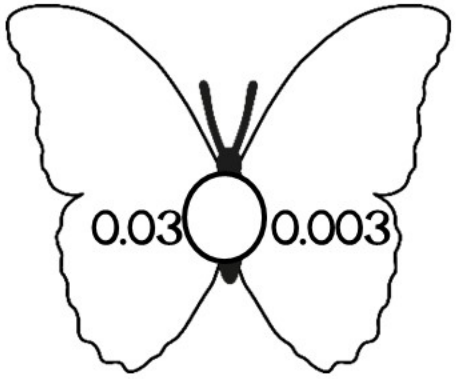
1. 

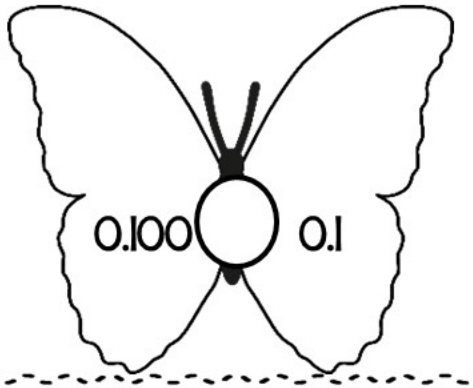
2. 

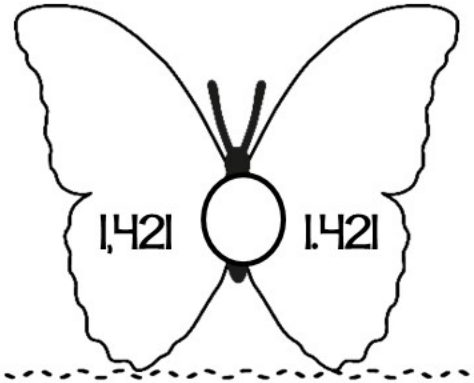
3. 

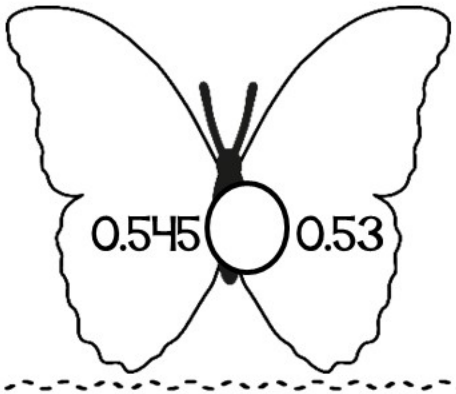
4. 

5. 

6. 

7. 

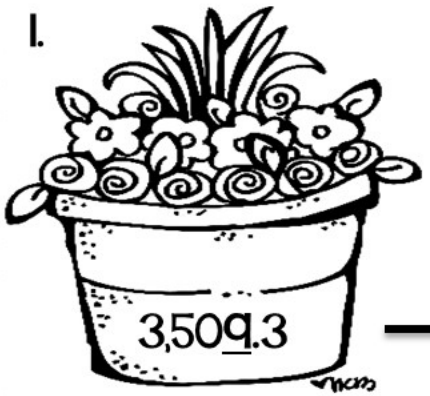
8. 

9. 

Flower Pot Rounding

Name: _____ Date: _____

Directions: Round the number on the flower pot to the underlined place value.

1. 

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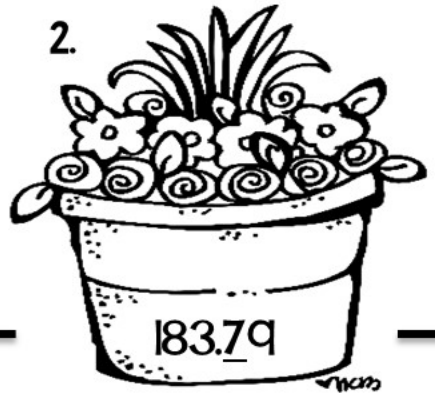
2. 

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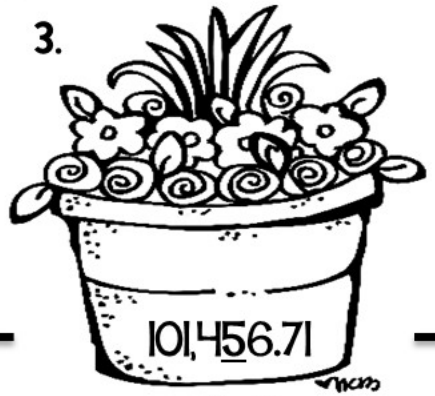
3. 

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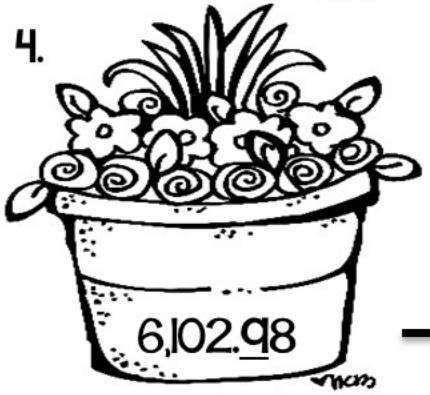
4. 

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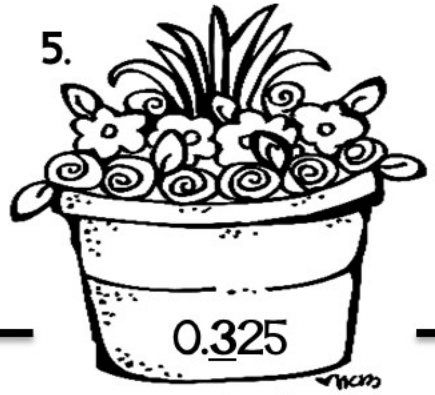
5. 

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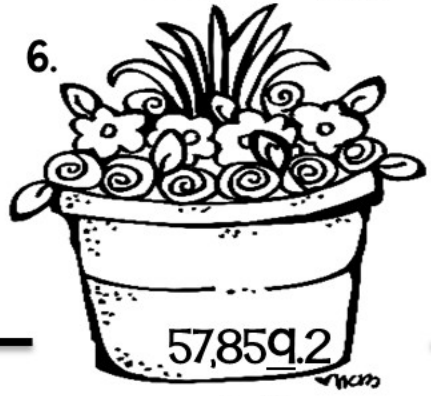
6. 

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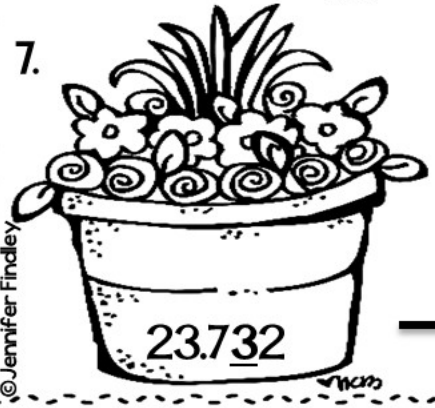
7. 

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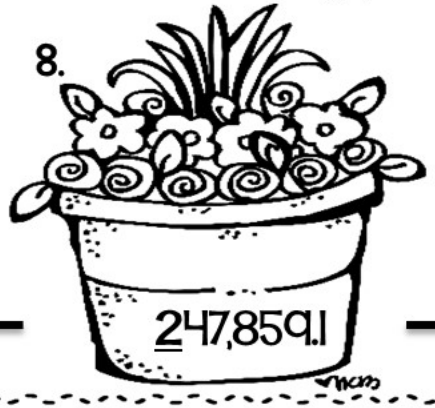
8. 

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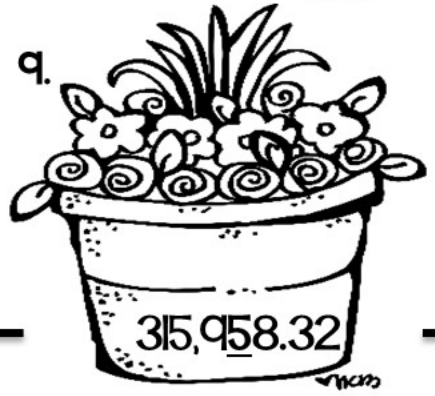
9. 

_____

rain Gear Word Problems

Name: _____ Date: _____

Directions: Read and solve each word problem. Write equations to match the situations.

1. A shipment of rain coats and rain hats arrived at Academy Sports. There were 12 cases of rain coats and 11 boxes of rain hats. Each case contained 175 of that item inside. How many total rain coats and rain hats did Academy Sports receive in all?

2. Rain boots come in shipments of 25 pairs. Rainy Day Apparel wants to order a total of 675 pairs of boots. How many shipments will they need to order to have enough?

3. An umbrella manufacturer has 1,584 umbrellas to pack for shipment. One case will hold 36 umbrellas. How many cases will the company need to ship all of their umbrellas?

4. The manager at Rainy Day's Clothing and Accessories has noticed that they are running low on women's rain boots. She places an order for 16 cases of boots on one shipment and 8 on another shipment. Each case contains 76 pairs of boots. How many total pairs of boots will the store receive?

Shopping for mbrellas

Name: _____ Date: _____

Directions: Read and solve each word problem. Write equations to match the situations.

1. Janine's mom purchases six umbrellas for a total cost of $37. She has a coupon, which will save her 25 percent. In order to determine her new total, she needs to take 0.25 of 37 to find her savings. How much will she save with her coupon? What will her new total be?

2. Jeffery is planning to purchase a new umbrella, but he is debating on which one to get. A plain black one costs $9.45 after tax, and a multi-colored one costs $12.76 after tax. What is the difference between the costs of the two umbrellas?

3. Three friends purchased new umbrellas for a total of $19.74. They had to split the total cost equally among the three of them. What was each friend's cost?

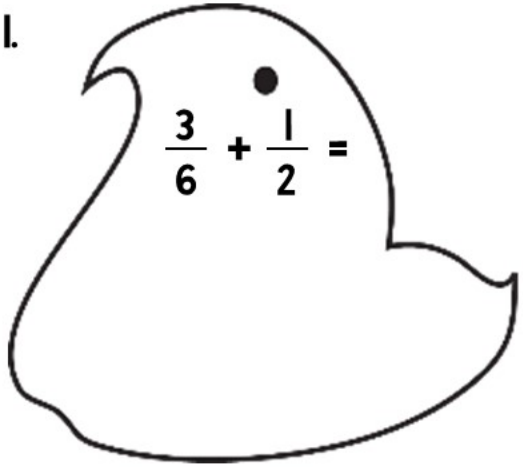
4. A mother buys an umbrella for $9.98 for herself, and a $5.99 umbrella for her daughter. The next day, she returns to the store and spends another $14.56 total on two umbrellas for her sons. How much did the mother spend in all?

Working with fraction Peeps

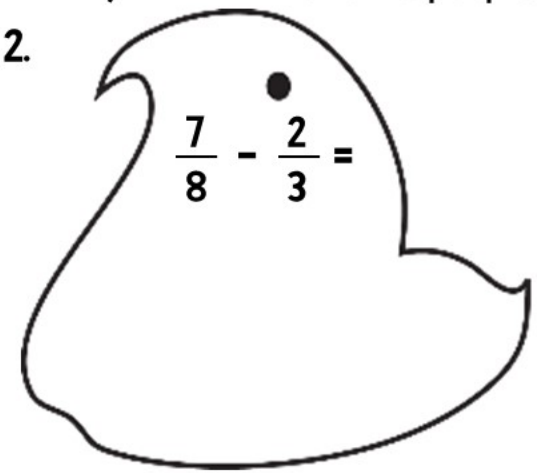
Name: _____ Date: _____

Directions: Solve each fraction equation. Show your work inside the peep (and the back, if needed).

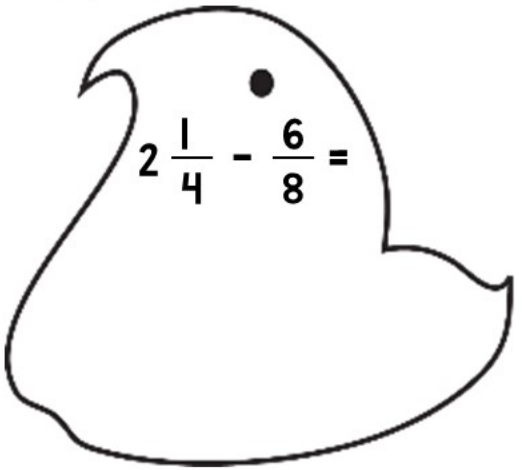
1. $\frac{3}{6} + \frac{1}{2} =$



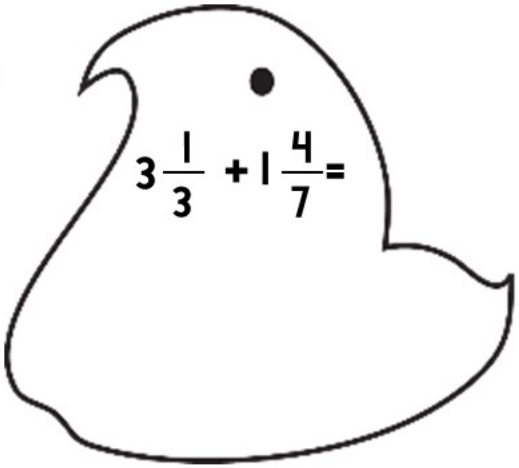
2. $\frac{7}{8} - \frac{2}{3} =$



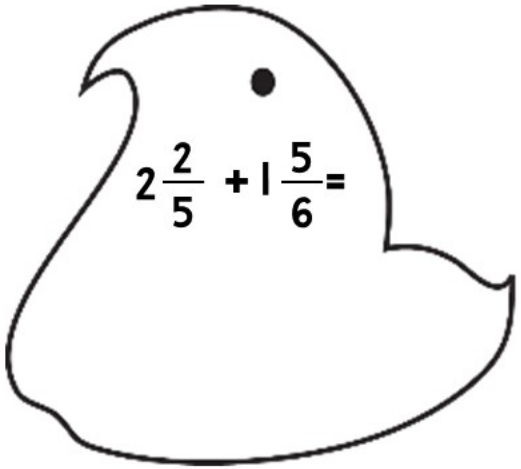
3. $2\frac{1}{4} - \frac{6}{8} =$



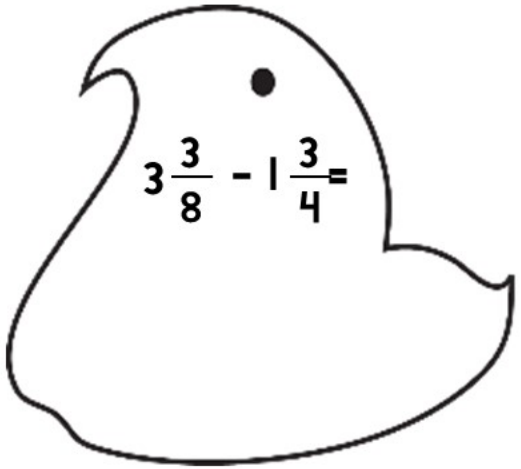
4. $3\frac{1}{3} + 1\frac{4}{7} =$



5. $2\frac{2}{5} + 1\frac{5}{6} =$



6. $3\frac{3}{8} - 1\frac{3}{4} =$



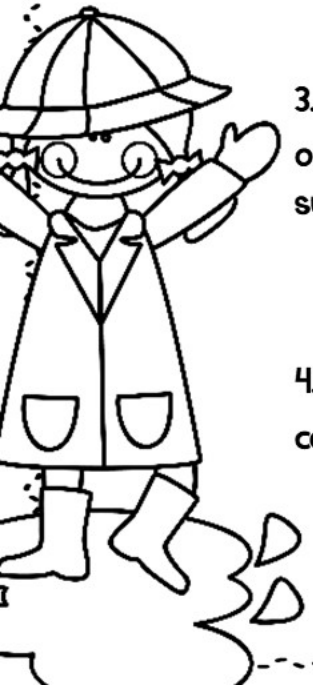
Rain, Rain, Go Away!

Name: _____ Date: _____

Directions: Read and solve each word problem. Write equations to match the situations.

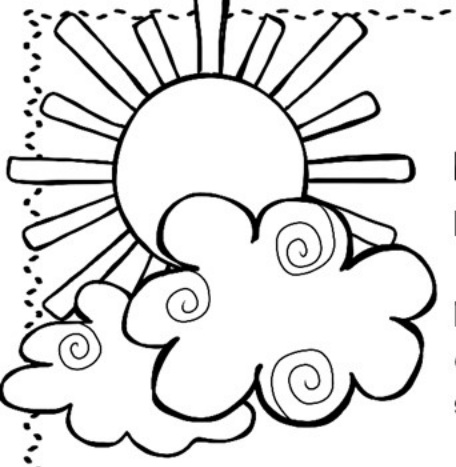
1. On Wednesday, it rained 2 1/2 inches. This was 3/4 of an inch more than how much it rained the week before. What was the rainfall amount the week before?

2. In one city, it rained 5 1/4 inches in January. Another city reported 6 2/3 inches. What is the difference in the two reported amounts of rainfall in the two cities?



3. For a project, Miguel sets out a rain gauge to measure the amount of rainfall over the course of three days. Here are his measurements: 3/4 inch, 1 1/2 inches, and 2 3/8 inches. Calculate the sum of all three days' rainfall amounts.

4. When Miguel was determining the sum of his measurements (from Problem #3), he calculated the sum as 3 7/14 inches. Determine the error Miguel made in his calculations.



What's the Weather?

Name: _____ Date: _____

Directions: Read and solve each word problem. Write equations to match the situations.

1. Jami is keeping track of the weather for a class project. She recorded data on 32 days. Out of the 32 days, 1/4 were clear, blue skies. How many days had clear, blue skies?

2. Out of the 30 days in April, 3/5 of they days were sunny and clear. The rest of the days were either cloudy or contained some rainfall. How many days out of the 30 were sunny and clear?

3. Amy's data showed that she had collected data for 24 days. Her data shows that 1/4 of the days were rainy, 1/4 were cloudy, and the rest of the days were sunny. How many of the 24 days were sunny?

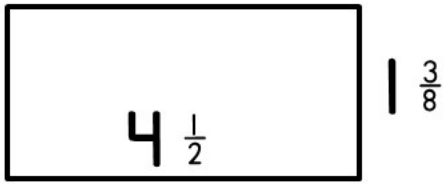
4. Samantha's teacher wants her students to continue collecting data until they have at least 1/2 of their data showing rainy days. Samantha has collected 36 days worth of data. She wants to see if she has met the 1/2 rainy day requirement to go ahead and turn in her data. After studying her data, she finds that 20 out of the 36 days were rainy days. Has she met the requirement set by her teacher? Explain your reasoning.

Bee Hive Dilemma

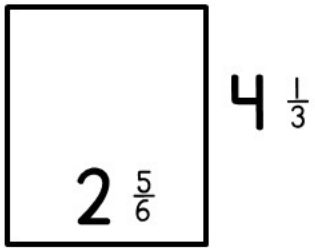
Name: _____ Date: _____

Directions: Read the situation and determine the best possible solution.

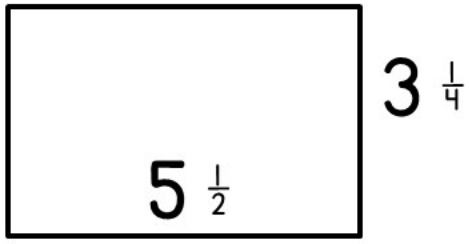
A bee keeper is looking for a new plot of land to place his new beehives. Help him determine the area of his options. The measurements are in feet.



Option 1

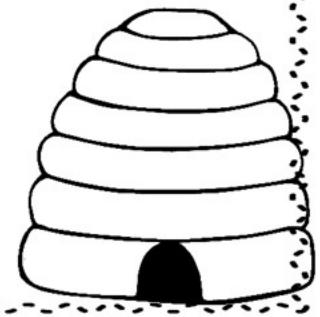


Option 2



Option 3

Which option should he choose if needs approximately 13 square feet? Explain the reasoning for your choice.



Spring COOKIES

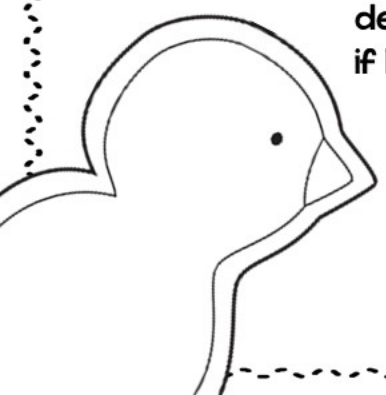
Name: _____ Date: _____

Directions: Read and solve each word problem. Write equations to match the situations.

1. Ms. McMillan made her famous carrot shaped cakes for a Spring Festival cookie tasting contest. However, she only made 8 cookies. When she arrived at the contest, she realized there were more than 8 taste testers. In order to continue with the contest, she had to cut her cookies into 1/3 size pieces. After she cut her cookies, how many cookies pieces does she have for the taste testers?

2. Jessica purchased a large cookie in the shape of a Spring peep. After arriving home, she ate part of the cookie and had 1/4 remaining. She decided to give the rest of her cookie to her three sisters to let them share equally. What fraction of the original cookie will each of her sisters get to eat?

3. Matt bought a pack containing 12 of his favorite Spring cookies. He wants to make the cookies last longer, so he decides to eat only 1/2 of each cookie a day. How long will this pack of cookies last him if he follows through with his plan to only eat 1/2 of a cookie each day?

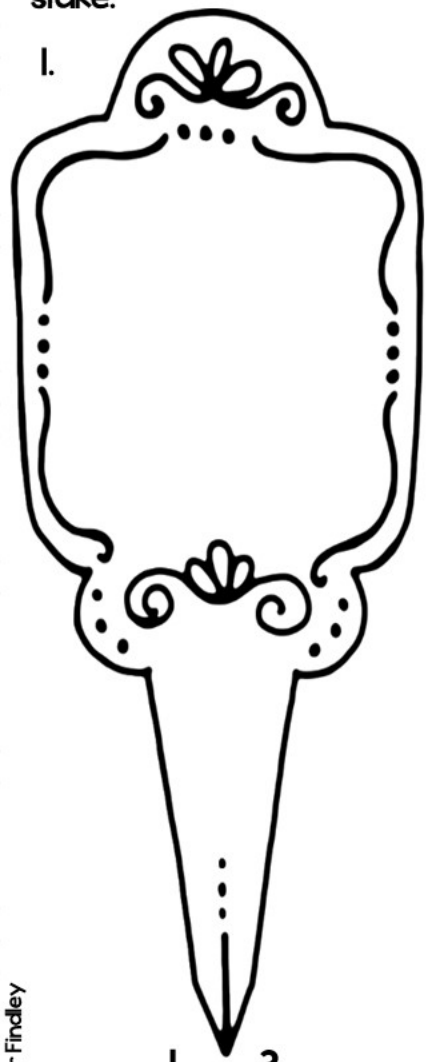


Gardening with Fractions

Name: _____ Date: _____

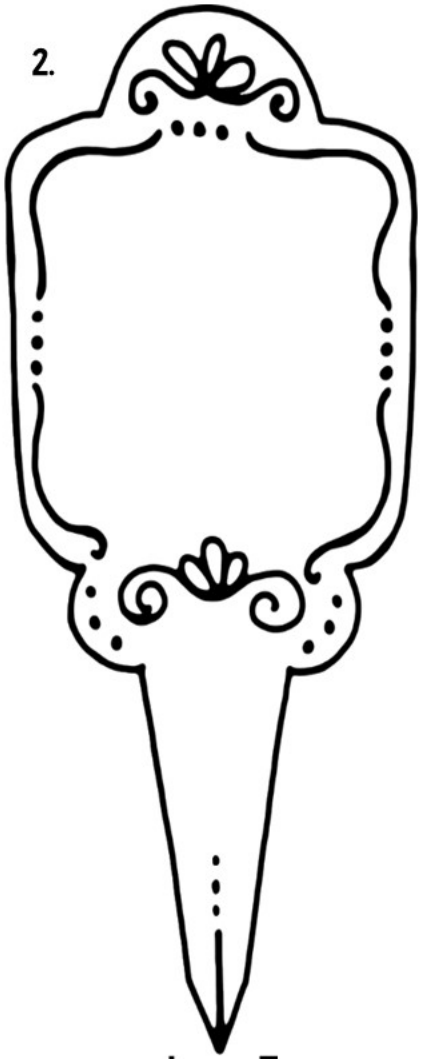
Directions: Use the inside of the garden stake to create a model to solve the multiplication problem found under the stake.

1.



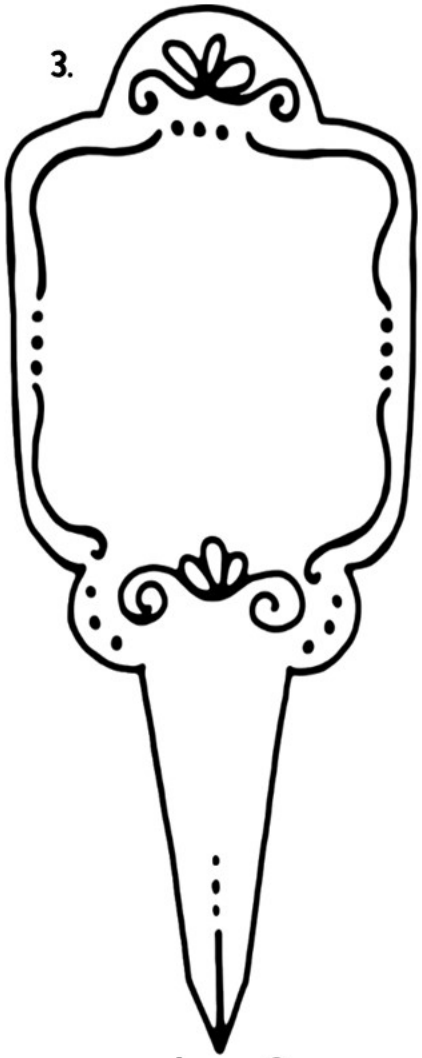
$\frac{1}{4} \times \frac{3}{4} =$

2.



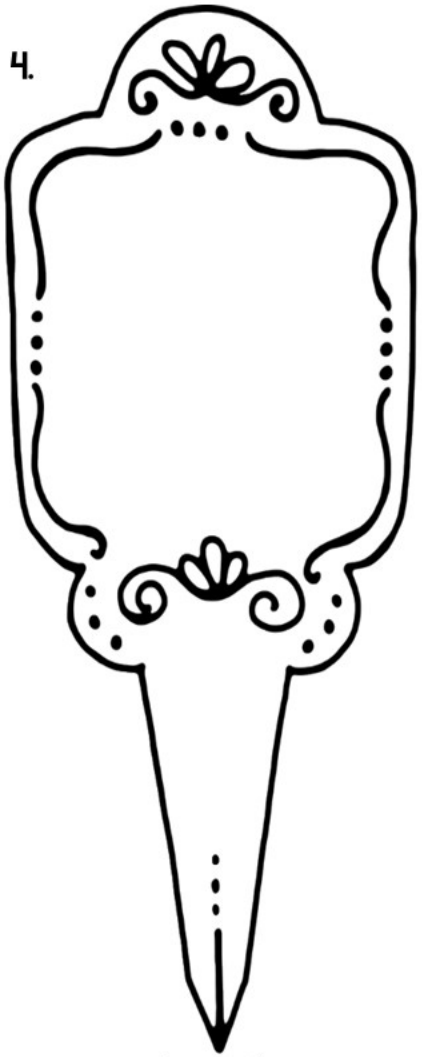
$\frac{1}{2} \times \frac{5}{6} =$

3.



$\frac{1}{4} \times \frac{2}{3} =$

4.

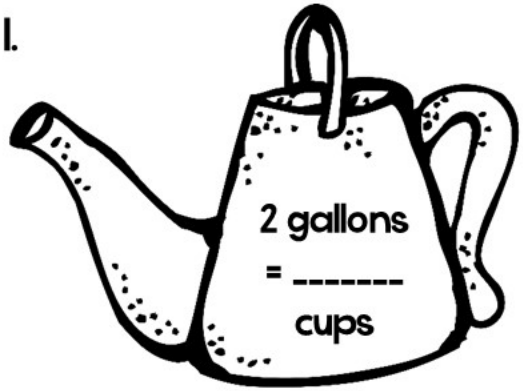


$\frac{1}{2} \times \frac{1}{2} =$

Capacity Conversions

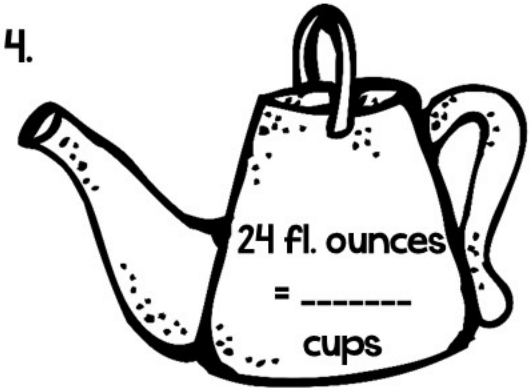
Name: _____ Date: _____

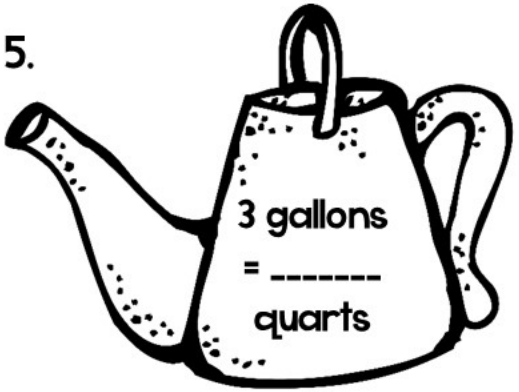
Directions: Solve the customary capacity conversion on each water can.

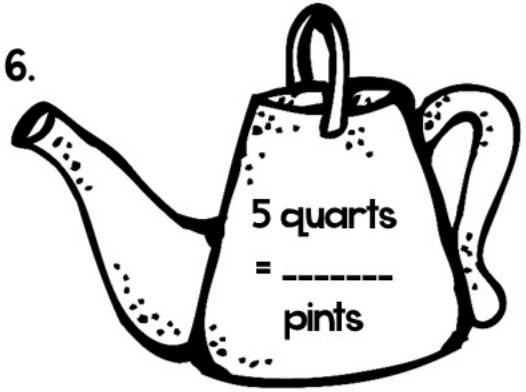
1. 

2. 

3. 

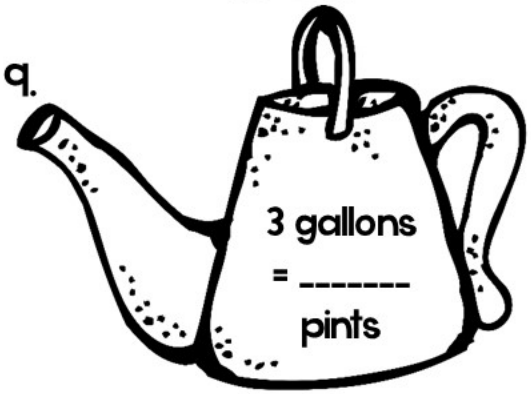
4. 

5. 

6. 

7. 

8. 

9. 

Packing Seeds

Name: _____ Date: _____

Directions: Read the situation and determine the best possible solution.

Camille is packing seeds to send to her mother in law. She estimates that she needs a box with a volume of at least 6,856 cubic inches. Here are the boxes she has to choose from:

Option A: Length: 13 inches, Width: 12 inches, Height: 16 inches

Option B: Length: 18 inches, Width: 25 inches, Height: 16 inches

Option C: Length: 12 inches, Width: 14 inches, Height: 22 inches

Option D: Length: 20 inches, Width: 22 inches, Height: 17 inches

Which boxes can she choose?

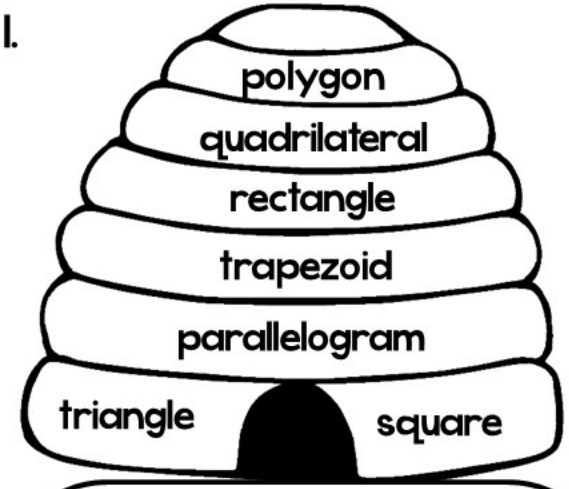
Camille realizes she is charged more based on the volume of the box and not the weight. Which box would fit her requirements and be the best choice to save her on shipping costs? Explain your reasoning.

Beehive Hierarchies

Name: _____ Date: _____

Directions: Create a hierarchy with the shapes written on the beehive.

1.



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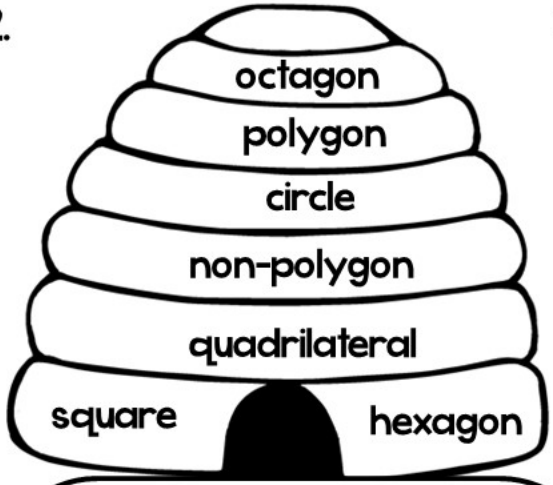
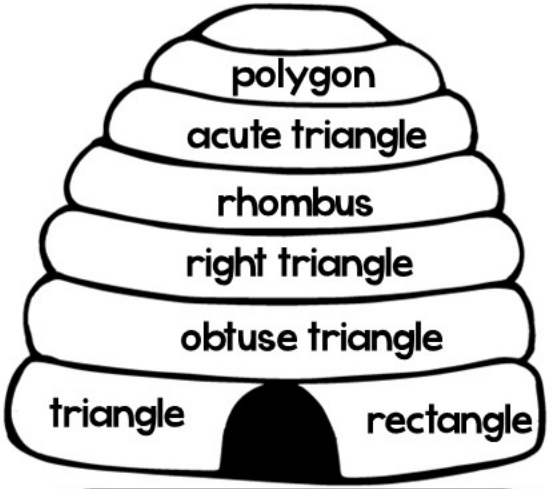


3.



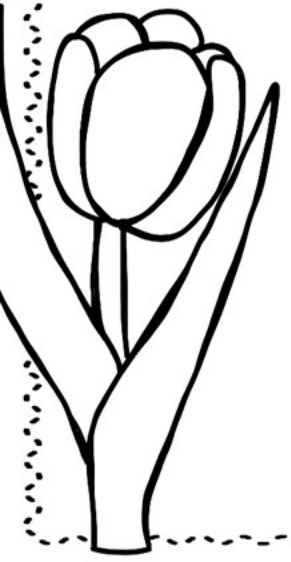
BUYING FLOWERS

Name: _____ Date: _____

Directions: Read the directions to finish the patterns, then answer the questions.

The sale of Daffodils started at 5 on Day 1 and doubled each day.
The sale of Tulips started at 2 on Day 1 and tripled each day.

Day	Daffodil Sales	Tulip Sales
1		
2		
3		
4		
5		
6		



1. At what point did the Tulip sales become higher than the Daffodil sales?

2. Fill in the blanks with the correct information based on the patterns.

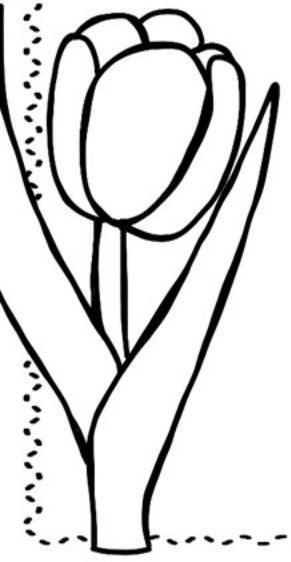
The sales of Tulips started out _____ (higher, lower) than the Daffodil sales, and _____ (decreased, increased) each day.

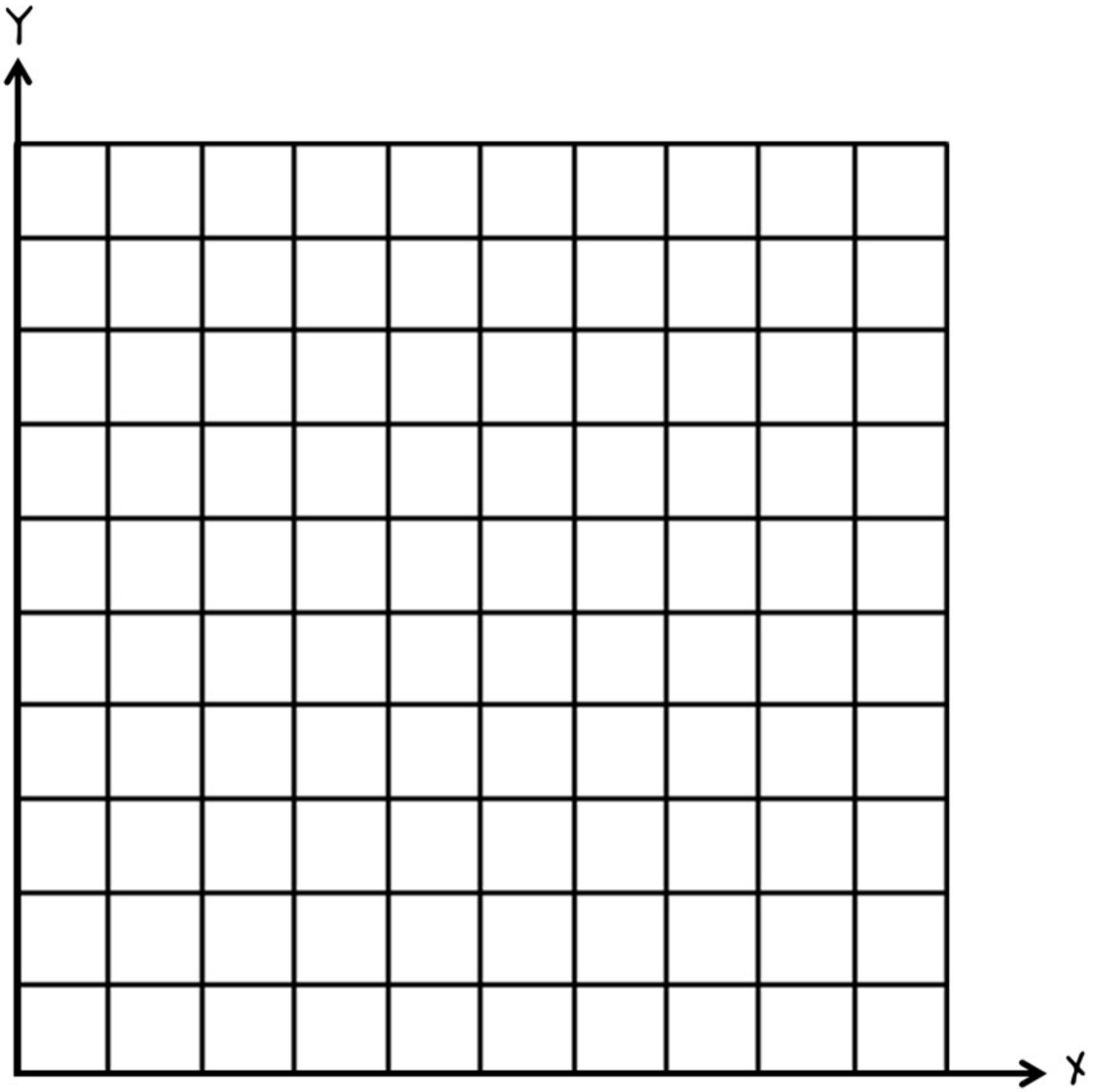
3. Graph the sales of each flower on the coordinate grid.

BUYING FLOWERS

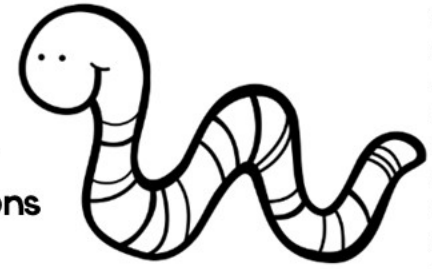
Name: _____ Date: _____

Directions: Determine an appropriate scale to use. Then graph the patterns of the flower sales.





WORMS GALORE!



Name: _____ Date: _____

Directions: Miguel is measuring the worms that he has been finding in his yard. Below you will find his measurements. Record his data on a line plot. Then answer the questions that follow. (Measurements are in inches)

¾, ¾, 1 ½, 1 ½, 1 ¼, 1 ½, ¾, ¾, 1, 1, 1 ½, 1 ¼, 1 ¾, 1, 1, 1 ¾, 1, 1 ½

1. What is the range of the data (maximum- minimum)

2. If all of the worms were lined up, what would the total length be?

3. Find the sum of all the 1 1/2 inch measurements and the sum of 3/4 inch measurements. Then add the two sums together.

Fluttering through the Order of Operations

1. 109
2. 52
3. 4
4. 89
5. 111
6. 72

Rainy Day Expressions (Answers May Vary)

1. Multiply three by the sum of eight and six
2. The product of three and two subtracted from one hundred forty-five
3. The product of thirty-six and two times a number
4. Ninety-six divided by a number

Cupcake Powers of 10

1. 36, 360, 3,600
2. 614.2, 61.42, 6.142
3. 340, 3,400, 34,000
4. 9.8, 0.98, 0.098
5. 0.4, 4, 40
6. 1,342.1, 134.21, 13.421

Hot Air Balloon Numbers

1. $3 \times 1{,}000 + 5 \times 100 + 6 \times 10 + 2 \times 1 + 6 \times 1/10 + 5 \times 1/100 + 3 \times 1/1000$
2. 52,000.03
3. Five hundred forty-one and two hundred thirty-six thousandths
4. Fifty-four thousandths
5. $3 \times 1/10 + 6 \times 1/1000$
6. 2,030.43

Butterfly Comparisons

1. >
2. <
3. >
4. >
5. <
6. >
7. =
8. >
9. >

Flower Pot Rounding

1. 3,509
2. 183.8
3. 101,460
4. 6,103
5. 0.3
6. 57,859
7. 23.73
8. 200,000
9. 315,960

Rain Gear Word Problems

1. 4,025 items
2. 27 shipments
3. 44 cases
4. 1,824 pairs

Shopping for Umbrellas

1. She will save $9.25. Her new total will be $27.75
2. $3.31
3. $6.58
4. $30.53

Working with Fraction Peeps

1. 1
2. 5/24
3. 1 4/8 or 1 ½
4. 4 19/21
5. 4 7/30
6. 1 5/8

Rain, Rain, Go Away!

1. 1 2/4 or 1 ½ inches
2. 1 5/12 inches
3. 4 5/8 inches
4. He did not determine a common denominator. He added the whole numbers, the numerators, and added the denominators.

What's the Weather?

1. 8 days
2. 18 days
3. 12 days
4. Yes, because ½ of 36 is 18. She has over ½ of her collected days reported as rainy.

Bee Hive Dilemma

Option 1: 6 3/16 square feet
Option 2: 12 5/18 square feet
Option 3: 17 7/8 square feet

He should choose Option 3 because it is the only option that will give him enough square feet.

Spring Cookies

1. 24 cookie pieces
2. 1/12 of the original cookie
3. 24 days

Gardening with Fractions

1. 3/16
2. 5/12
3. 2/12 or 1/6
4. ¼

Capacity Conversions

1. 32 cups
2. 3 quarts
3. 128 fluid ounces
4. 3 cups
5. 12 quarts
6. 10 pints
7. 6 pints
8. 2 gallons
9. 24 pints

Packing Seeds

Option A: 2,496 cubic inches
Option B: 7,200 cubic inches
Option C: 3,696 cubic inches
Option D: 7,480 cubic inches

She can choose Option B and Option D.

She should choose Option B because it is the smallest volume that will meet her needs.

Buying Flowers

Daffodil Sales: 5, 10, 20, 40, 80, 160
Tulip Sales: 2, 6, 18, 54, 162, 486

1. On Day 4, Tulip sales became higher than the Daffodil sales.
2. Lower, increased
3. Check the gird for accuracy.

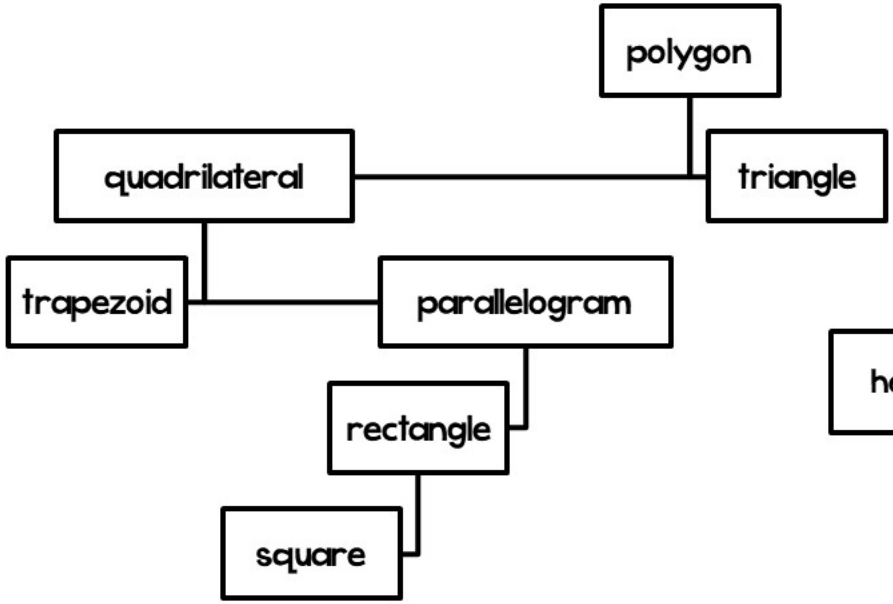
Worms Galore

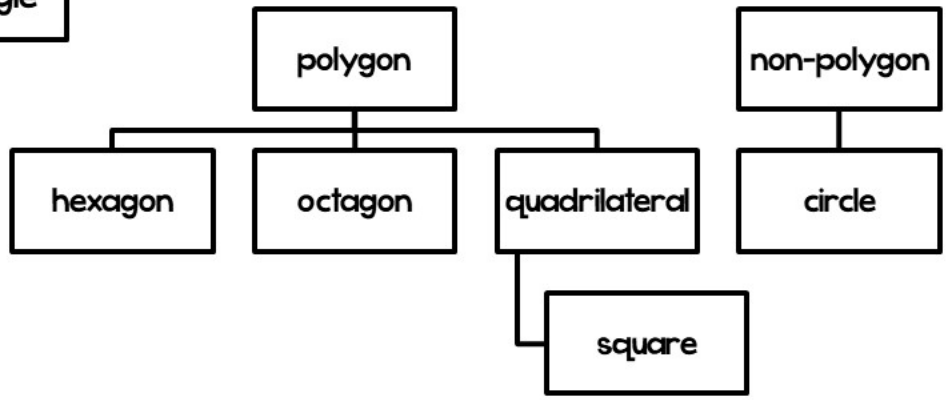
Check the line plot for accuracy.

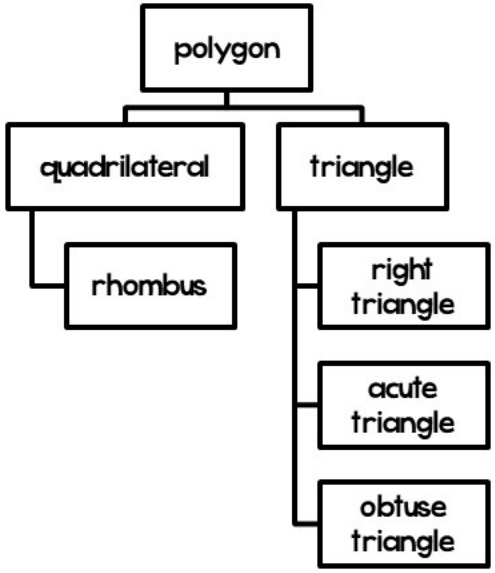
1. 1 inch
2. 21 2/4 or 21 ½ inches
3. Sum of 1 ½ inch worm measurements: 7 1/2

Sum of ¾ inch worm measurements: 3
Sum of each total: 10 ½ inches

Beehive Hierarchies







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