Sample Lesson #3

1. At the bake sale, cupcakes are 12 for $24. Write and solve a multiplication equation with a variable to represent the cost of each cupcake.

2. $5{,}200 \div 25 = ?$

3. Which two numbers are the same distances from zero on the number line?

4. The chef uses five parts salt for every six parts pepper in his special spice mix. If he uses 2.5 parts salt, how much pepper will he use?

5. Order the data set from least to greatest. Then, label the Q1, Q2, and Q3.

6. The area of the book cover is 14 in.² and the length is $2\frac{1}{3}$ in. What is the width?

7. When comparing two positive numbers, the greater number is the one that is (closer to / farther from) zero.
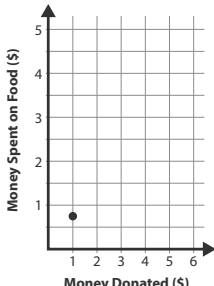
8. Would you describe the distribution as skewed left, approximately symmetric, or skewed right?
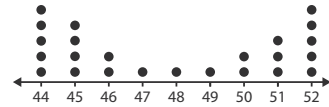
9. A food bank uses 75% of monetary donations to purchase food, and it spends the rest on operational costs. Complete the table and plot the values on the coordinate plane.

Money Donated (x)	$1	$2	$3	$4	$5	$6
Money Spent on Food (y)	$0.75					

10. A right triangle has a base of 5 in. and a height of 10 in. Find the area.

11. Find the value of the exponent. $5^x = 625$

12. What is the area of a square if the sides are $2\frac{1}{2}$ meters long?

13. $42.81 + 38.9 = ?$

14. Six puppies eat 18 cups of puppy food per day. At that rate, how much food does one puppy eat per day? Write the unit rate in cups per puppy.

15. Simplify $5(3x + 4b) + 2x$.

1. 6.EE.7	**2.** 6.NS.2	**3.** 6.NS.6 -72 -37 -17 15 37 27
4. 6.RP.1	**5.** 6.SP.5 3 1 7 4 4 0	**6.** 6.NS.1
7. 6.NS.7	**8.** 6.SP.2	**9.** 6.RP.3
10. 6.G.1	**11.** 6.EE.1	**12.** 6.EE.2
13. 6.NS.3	**14.** 6.RP.2	**15.** 6.EE.3