1. Jasmine kept a record of how many miles she ran each week during one month.

Week	Distance (in miles)
Week 1	4.754
Week 2	4.752
Week 3	5.19
Week 4	5.75

Order the weeks from the least amount of miles Jasmine ran to the greatest amount of miles Jasmine ran.

Least			Greatest

2. For numbers 2a–2c, select True or False for each statement.

2a. 1.682 inches rounded to the nearest whole number is 1 inch. ○ True ○ False

2b. 1.682 inches rounded to the nearest tenth is 1.6 inches. ○ True ○ False

2c. 1.682 inches rounded to the nearest hundredth is 1.68 inches. ○ True ○ False

3. Students are selling hand-made magnets at the school craft fair. One magnet costs $0.30, 2 magnets cost $0.43, 3 magnets cost $0.56, and 4 magnets cost $0.69. If this pattern continues, how much will 6 magnets cost? Explain how you found your answer.

GO ON

4. What is the value of the underlined digit? Mark all that apply.
0.2<u>8</u>3

Ⓐ 0.8

Ⓑ 0.08

Ⓒ $8 \times \frac{1}{10}$

Ⓓ $8 \times \frac{1}{100}$

Ⓔ eight hundredths

5. The fourth graders collected 1.25 pounds more aluminum cans than the fifth graders collected. Select the values that could represent how many pounds each grade collected. Mark all that apply.

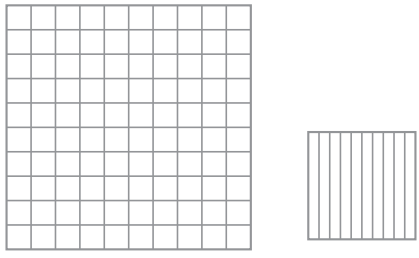
Ⓐ fourth graders: 7.68 lb, fifth graders: 6.13 lb

Ⓑ fourth graders: 6 lb, fifth graders: 4.75 lb

Ⓒ fourth graders: 4 lb, fifth graders: 2.65 lb

Ⓓ fourth graders: 7.26 lb, fifth graders: 6.01 lb

6. Shade the model to show the decimal 0.674.



7. Katie worked on her science fair project for 2.5 hours on Tuesday and 1.75 hours on Friday. How many hours did she work on the project Tuesday and Friday combined? Use the digits on the tiles to solve the problem. Digits may be used more than once or not at all.

$$\begin{array}{r} \square.\square\square \\ +\ \square.\square\square \\ \hline \square.\square\square \end{array}$$

0	1
2	3
4	5
6	7
8	9

GO ON

8. Marianna's kitten weighs 2.45 pounds, and Monica's kitten weighs 3.6 pounds. How much more does Monica's kitten weigh than Marianna's kitten? Explain how you can use a quick picture to solve the problem.

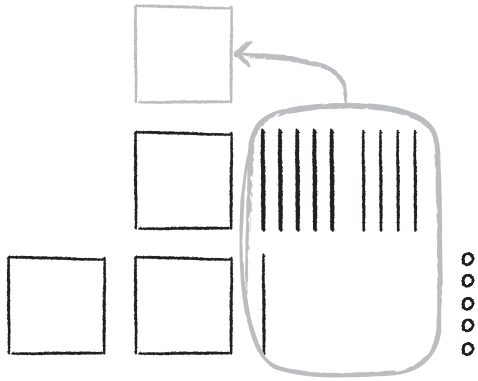
9. Luis found two bicycles he likes. The price of the first bicycle is $73.59. The price of the second bicycle is $98.50. Estimate the difference in the prices of the bicycles.

$ _____

10. Larry bought 4 lemonades for his friends. Each lemonade cost $1.28. Complete the table to show the prices of 2, 3, and 4 lemonades.

Number of Lemonades	Price
1	$1.28
2	
3	
4	

11. One caterpillar is 2.15 inches long. Another caterpillar is 1.9 inches long. Robert used a quick picture to find the combined lengths of the caterpillars. Does Robert's work make sense? Explain why or why not.



GO ON

12. Kevin and Yasuko are writing number patterns. Yasuko wrote the following sequence.

35.9, 34.7, 33.5, _____, 31.1

What is the unknown term in the sequence?

13. Flora bought 4.13 pounds of tuna salad and 2.7 pounds of chicken salad. For numbers 13a–13c, select Yes or No to indicate whether each statement is true.

13a. Rounded to the nearest whole number, Flora bought 4 pounds of tuna salad. ○ Yes ○ No

13b. Rounded to the nearest whole number, Flora bought 2 pounds of chicken salad. ○ Yes ○ No

13c. Rounded to the nearest tenth, Flora bought 4.1 pounds of tuna salad. ○ Yes ○ No

14. The four highest scores at a diving meet were 9.08, 9.1, 9.15, and 9.06 points. Choose the numbers that make the statement true.

The lowest of these four scores was [9.08 / 9.1 / 9.15 / 9.06] points.

The highest of these four scores was [9.08 / 9.1 / 9.15 / 9.06] points.

GO ON

15. Trudy is going to London next summer. Each week, she records the value of one British pound in U.S. dollars. The table shows the data she has recorded so far.

Week	Value of 1 British Pound (in U.S dollars)
1	1.598
2	1.616
3	1.634
4	1.623

For which two weeks was the value of 1 British pound the same when rounded to the nearest hundredth of a dollar?

16. Mario has $15. He spends $6.25 on admission to the ice skating rink, $2.95 to rent skates, and $1.65 each for 2 hot chocolates. How much money does he have left?

$ _____

17. Adrian's gerbil weighed 68.59 grams at the beginning of summer. During the summer, the gerbil gained 24.6 grams.

Part A

Estimate the weight of the gerbil at the end of the summer by rounding each value to the nearest whole number. Will your estimate be less than or greater than the actual weight? Explain your reasoning.

Part B

What was the exact weight of the gerbil at the end of the summer? Was the estimate less than or greater than the exact value?

GO ON

18. Adele swam the length of the pool in 32.56 seconds. Alexandria swam the length of the pool in 29.4 seconds. How many seconds faster was Alexandria's time than Adele's time?

_____ seconds

19. Choose the value that makes the statement true.

In the number 2.175, the value of the digit 2 is 2 [ones / tenths / hundredths / thousandths], and the value of the digit 7 is 7 [ones / tenths / hundredths / thousandths].

20. Carmine and Hiram are solving the following word problem.
Gina is training for a marathon. She ran 6.75 miles on Saturday. On Sunday, she ran 7.20 miles. How far did she run on Saturday and Sunday combined?

Carmine sets up his problem as $6.75 + 7.20$. Hiram sets up his problem as $7.20 + 6.75$. Who is correct? Explain your answer and solve the problem.

21. 0.92 is 10 times as much as [0.0092 / 0.092 / 0.92 / 9.2] and $\frac{1}{10}$ of [0.0092 / 0.092 / 0.92 / 9.2].