

**6th Review #42 – WORK MUST BE SHOWN**  
**FOR EACH PROBLEM – NO CALCULATORS**

1. Sally rode her bicycle  $7 \frac{1}{4}$  miles on the Creeper Trail this week. Chase rode his bicycle  $2 \frac{4}{5}$  miles on the trail last week. How much more did Sally ride on the Creeper trail than Chase? (*Show the difference in their miles*)

2. The chart below shows the number of miles Corey ran last week.

Day	Distance Run (miles)
Sun.	0
Mon.	$2 \frac{1}{2}$
Tue.	3
Wed.	$2 \frac{1}{2}$
Thu.	3
Fri.	$2 \frac{1}{2}$
Sat.	10

What is the total distance the Corey will run in 4 weeks? (*Show how you found the distance for all the weeks*)

- A  $23 \frac{1}{2}$  miles      C  $70 \frac{1}{2}$  miles  
 B 47 miles      D 94 miles

Name \_\_\_\_\_

3. Sam owns a canoe rental company with 145 boats. He has 55 wood boats, and the rest are fiberglass. What is the ratio of fiberglass to wood boats? (*Use labels to find the ratio*)

- A 55:90      C 145:55  
 B 90:55      D 145:90

4. In her shopping cart, Jody has 2 pounds of oranges at \$0.99 per pound, 3 cans of soup at \$1.19 per can, and 1 gallon of ice cream at \$3.79 per gallon. Which is closest to the total cost of the items in her shopping cart? (*Show how you found the total*)

- A \$9.00      C \$7.00  
 B \$8.00      D \$6.00

5. Celeste bought  $1 \frac{3}{5}$  pounds of candy.  $\frac{1}{10}$  of the candy is milk duds. How many pounds of the candy are milk duds? (*Draw a model or show how you found the pounds of milk duds*)

6. Solve the following:  
 $7 \frac{3}{4} \div 3 \frac{4}{5}$

**Adv. Review #42 (7<sup>th</sup> grade SOLs)**

***SHOW HOW YOU SOLVED EACH PROBLEM – NO CALCULATORS!***

**7. The highest recorded temperature in Pennsylvania is 111 degrees Fahrenheit. The lowest is -42 degrees Fahrenheit. What is the difference from the low temperature to the high temperature?**

**8. If a submarine is located at 520 feet below sea level, and then it rises 140 feet, what is its new location below sea level?**

**9. Model the following expression with on the number line, then solve.**

$$4 + -4$$

**10. Model the following expression on the number line, then solve.**

$$-4 + -4$$