

Weekly Review # 32

Name: _____

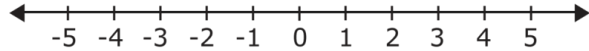
Block: _____

1. Order the following numbers from greatest to least.

16% , $\frac{1}{10}$, 0.29 , 0.2 , $\frac{1}{4}$

2. Place the following numbers in the correct location on the number line.

-3.25 , $\frac{25}{100}$, $\frac{52}{26}$, $-\frac{5}{4}$, 0.25



3. What property is used to show that Step 1 and Step 2 are equivalent expressions?

Step 1: $(12.35 + 1.59) + 20.65$

Step 2: $(1.59 + 12.35) + 20.65$

4. Jake gave $\frac{1}{4}$ of his chocolate bar to his sister and saved the rest for himself. After dinner, he ate $\frac{1}{3}$ of the part he saved for himself. How much did Jake have left of his chocolate bar?

5. The students at Marlinton Middle School decide to track the amount of rainfall over a given period of time.

Time (minutes)	Rainfall (in.)
2	1
4	2
6	3
8	?

Write an ordered pair to represent the amount of water, in inches, that fell over 8 minutes.

6. One shade of purple paint is made by mixing 3 pints of red and 6 pints of blue paint. You can make a larger batch by mixing 4 pints of red paint and 8 pints of blue paint and so on, as shown by the table below.

Ratio for Purple Paint

Red Paint (pints)	3	4	5	6
Blue Paint (pints)	6	8	10	12

Dee is going to make 21 pints of purple paint in total. How many pints of red paint does she need to make the purple paint?

7. Check a box to match each expression on the left to its equivalent expression.

	$12+8$	$20+16$	$10+10$	$54+48$
$6(9+8)$				
$4(3+2)$				
$4(5+4)$				

9. What is the median of the data set below?

19,29,18,28,26,25,28

8. Camera World rents video camera by the day. The store charges \$7.00 per day and a one-time cleaning fee of \$3.00. If x represents a number of days, write an expression that can be used to determine the total charge, in dollars, to rent a video camera for x days.

10. Create an expression that is equivalent to the following without using parentheses.

$$7(4x+3+2x)$$