

14

13-A 9-D
12-B 8-F
11-C
10-C
101
Week 13
Due: Thursday, 12/6

Name: Key
Per:

MATH PRACTICE

4-50. Copy and complete the generic rectangle below. What multiplication problem does it represent and what is the product?

	<u>100</u>	+ 40	<u>6</u>	
<u>20</u>	<u>2000</u>	800	<u>120</u>	$ \begin{array}{r} 2000 \\ + 1000 \\ 620 \\ 30 \\ \hline 3,050 \end{array} $
+ 5	500	<u>200</u>	30	

+1 +1

$$146 \times 25 = 3,650$$

4-39. Evaluate the expressions below for the given values of the variables.

a. $6j - 3$ for $j = 4$

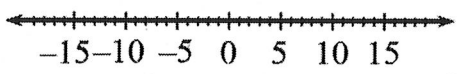
$$6(4) - 3 = 24 - 3 = 21$$

b. $8 + 4k$ for $k = 3.5$

$$8 + 4(3.5) = 8 + 14 = 22$$

4-38. Use the number line to help you fill in < (less than) or > (greater than) on the blank line between each pair of numbers.

Hint: Larger numbers are further RIGHT on a number line.



- a. -4.84 > -8.48 +1
- b. 7 > -7 +1
- c. -6.5 < $-5\frac{1}{2}$ +1
- d. -1 < 0 +1

4-51. Rewrite each percent as a fraction, as a decimal and with words.

+1

- $13\% = \frac{13}{100} = 0.13$ +1
- $20\% = \frac{20}{100} = 0.20$ +1
- $130\% = \frac{130}{100} = 1.30$ +1
- $32\% = \frac{32}{100} = 0.32$ +1

4-49. Four friends worked together to wash all of the cars that the Kumar family owns. They received \$43.00 for doing the work and agreed to divide the earnings evenly. How much money will each friend earn? Show how you know.

$$\begin{array}{r}
 10.75 \\
 4 \overline{) 43.00} \\
 \underline{-40} \\
 30 \\
 \underline{-28} \\
 20 \\
 \underline{-20} \\
 0
 \end{array}$$

Each friend will earn
\$10.75.

+1