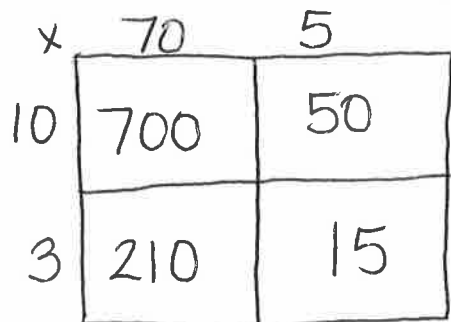


Name: Answer key

Date: \_\_\_\_\_

**AZMerit Practice Homework #23**

1. Complete the missing numbers for each section of the area model below. Then use the area model to find the value of  $75 \times 13$ . Write your answer below.



$$\begin{array}{r} 700 \\ 210 \\ + 50 \\ \hline 15 \\ \hline 975 \end{array}$$

Answer: 975

2. Joseph gets his pay rise to \$9 per hour and works 30 hours. How much would Joseph make that week? Write your answer below.

$$30 \times 9 = \underline{270}$$
$$3 \times 9 = 27$$

\$ 270

3. Which numbers are multiple of 6? Circle all the correct numbers.

2                      3                      (12)                      20  
(24)                      (30)                      44                      46  
50                      (54)                      (66)                      70

Multiple: a number you say when you skip count

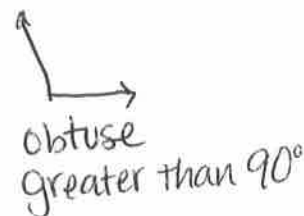
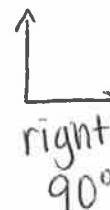
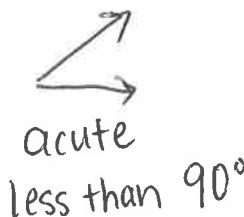
6, 12, 18, ...

4. The angle that is formed between two lines has a measure of 95 degrees. Which term describes this angle?

A. Acute  
B. Right

(C) Obtuse  
D. Straight

$91^\circ - 179^\circ$  - Obtuse



5. The table below shows the relationship between feet and inches. Complete the table by showing how many feet would have a value of 72 inches.

$\times 12$   
↩

Feet	Inches
1	12
2	24
3	36
<u>6</u>	72

$$1 \times 12 = 12$$

$$2 \times 12 = 24$$

$$3 \times 12 = 36$$

$$\_ \times 12 = 72$$

Count by 12's: 12, 24, 36, 48, 60, (72)

1    2    3    4    5    6

$$6 \times 12 = 72$$