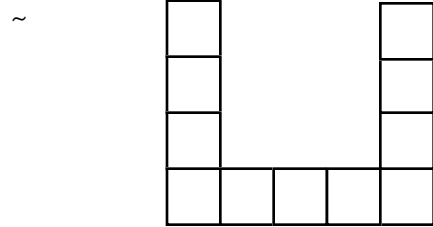


**Warm Up #47**  
J Allyn

Name \_\_\_\_\_

~ P and Q represent numbers, and  $P * Q$  means  $\frac{P + Q}{2}$

What is the value of  $3 * (6 * 8)$  ?



The U shaped figure contains 11 squares of the same size. The area of the U shaped figure is 176 square inches.

How many inches are there in the perimeter of the U shaped figure ?

~ A man drives from his home at 30 mph to the shopping center 20 miles away. On the return trip, he encounters heavy traffic and averages 12 miles per hour.

How much time does the man take in driving to and from the shopping center ?

~ If 20 is added to one third of a number, the result is double the number. What is the number ?

~ The product of two numbers is 144 and their difference is 10. What is the sum of the two numbers ?

~ Thirteen plums weigh as much as two apples and one pear. Four plums and one apple have the same weight as one pear.

How many plums have the weight of one pear ?