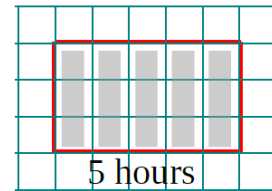


Change of variables in equations.

1

Solve the word problems.

A. A raft drifts 3 km every hour. How far will it drift in 5 hours?



B. A raft drifts 3 km every hour. How far will it drift in 7 hours?

7 hours

C. A raft drifts 3 km every hour. How far will it drift in x hours?

x hours

D. A raft drifts 3 km every hour. How long will it take to drift 18 km?

18 km

?

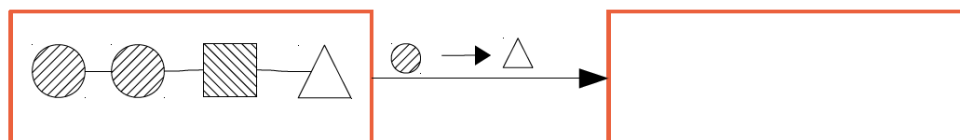
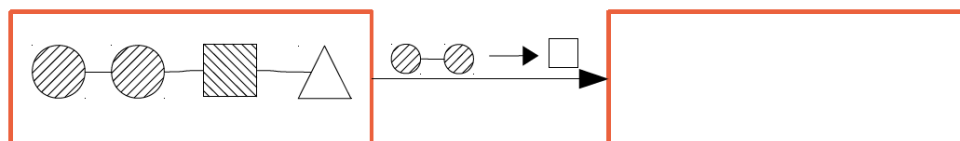
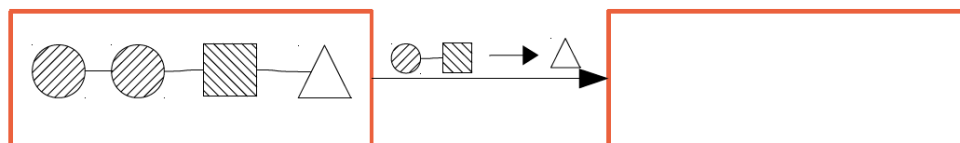
E. A raft drifts 3 km every hour. How long will it take to drift d km?

d km

?=

2

Change according to the instructions:



3 Change according to the instructions:

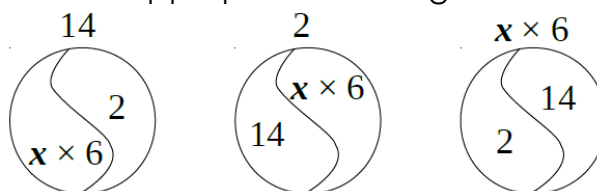
$$\boxed{p + v - 4} \xrightarrow{p \rightarrow x} \boxed{}$$

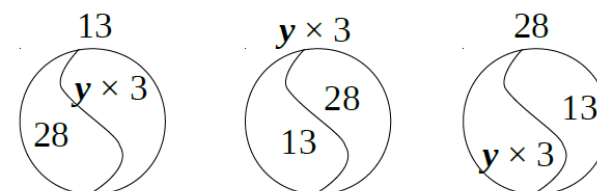
$$\boxed{t + q} \xrightarrow{q \rightarrow u \times 3} \boxed{}$$

$$\boxed{7 + m + n} \xrightarrow{m = n + n} \boxed{}$$

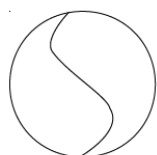
$$\boxed{12 : x - y} \xrightarrow{y = t : 8} \boxed{}$$

4 Match the equations to the appropriate drawings:

$$x \times 6 + 2 = 14$$


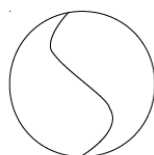
$$28 - y \times 3 = 13$$


5 Complete the drawings to solve the following equations:



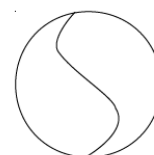
$x : 3 - 4 = 2$							
$x : 3 =$							
$x =$							
$x =$							

Check: _____



$14 - x \times 4 = 2$							
$x \times 4 =$							
$x =$							
$x =$							

Check: _____

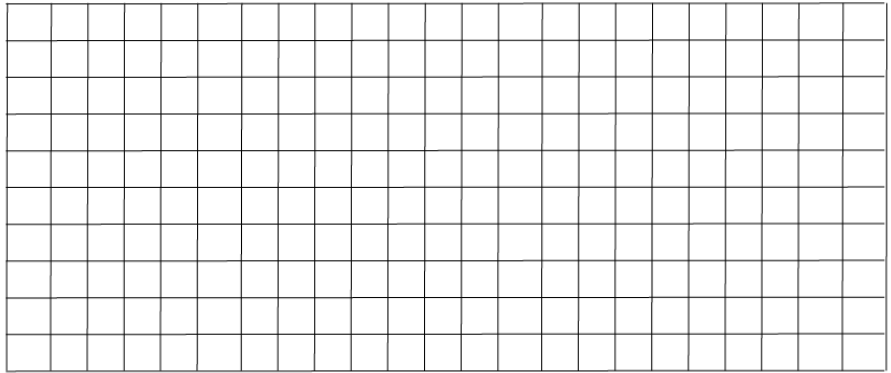
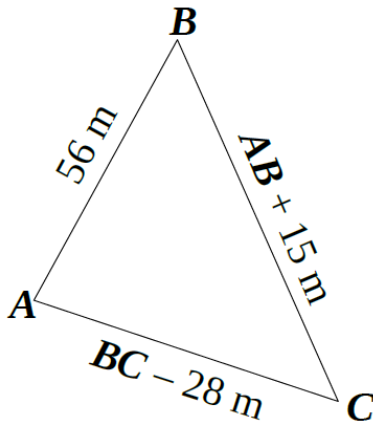


$x : 4 + 4 = 5$							
$x : 4 =$							
$x =$							
$x =$							

Check: _____

6

One side of a triangle is 56 m, the second side is 15 m longer than the first. The third side of the triangle is 28 m shorter than the second. What is the perimeter of the triangle?



7

Find how old is each kid.

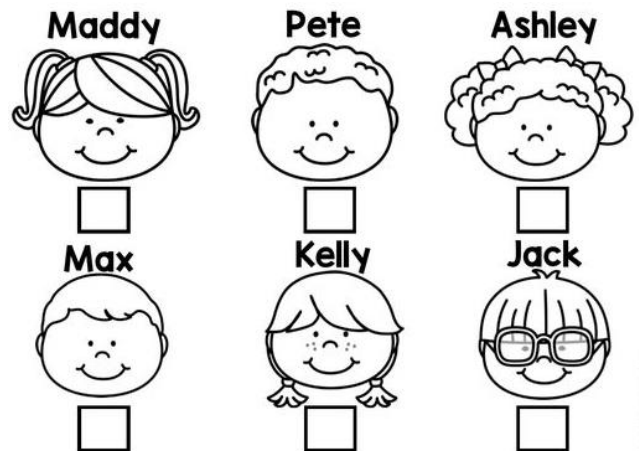
Kelly is 3 years older than Pete.

Jack is the same age as Ashley.

Max is 2 years older than Kelly.

Pete is 9 years old.

Ashley is 3 years younger than Max, and 2 years older than Maddy.



8

Find the numbers represented by the symbols.

$$\bullet + \bullet = \star$$

$$\square = \underline{\hspace{2cm}}$$

$$\bullet \cdot \square = \star$$

$$\bullet = \underline{\hspace{2cm}}$$

$$\star = \square + \square + \square$$

$$\star = \underline{\hspace{2cm}}$$