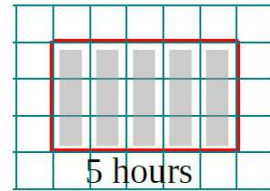


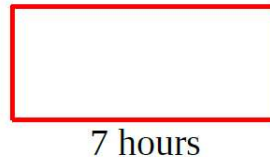
# Change of variables in equations.

1 Solve the word problems.

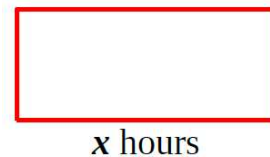
A. A raft drifts 3 km every hour. How far will it drift in 5 hours?



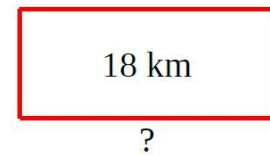
B. A raft drifts 3 km every hour. How far will it drift in 7 hours?



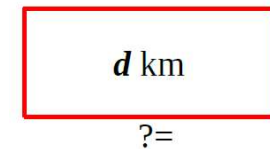
C. A raft drifts 3 km every hour. How far will it drift in  $x$  hours?



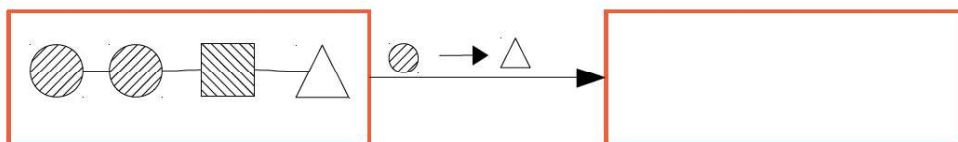
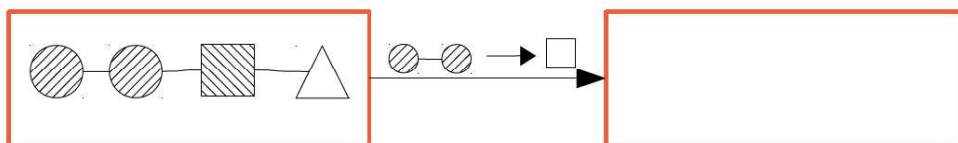
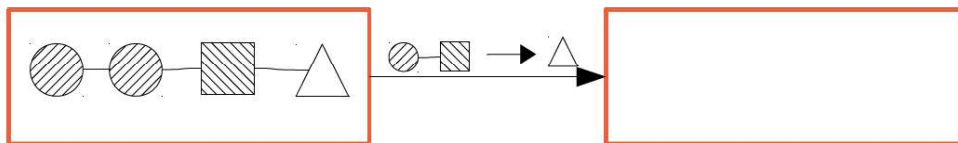
D. A raft drifts 3 km every hour. How long will it take to drift 18 km?



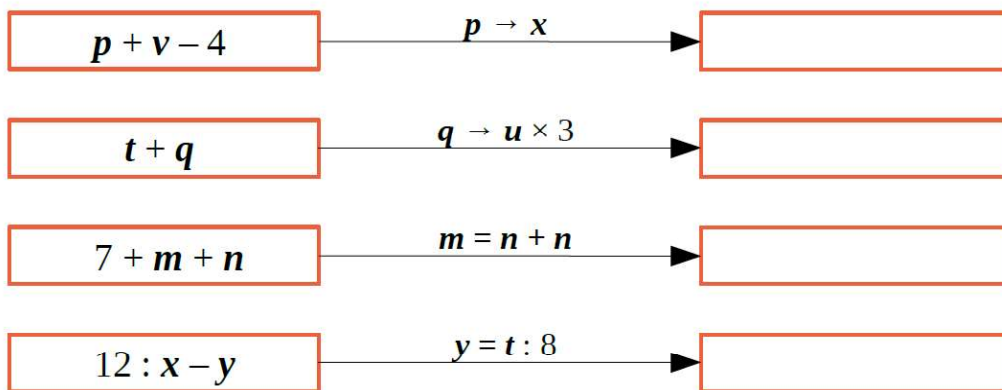
E. A raft drifts 3 km every hour. How long will it take to drift  $d$  km?



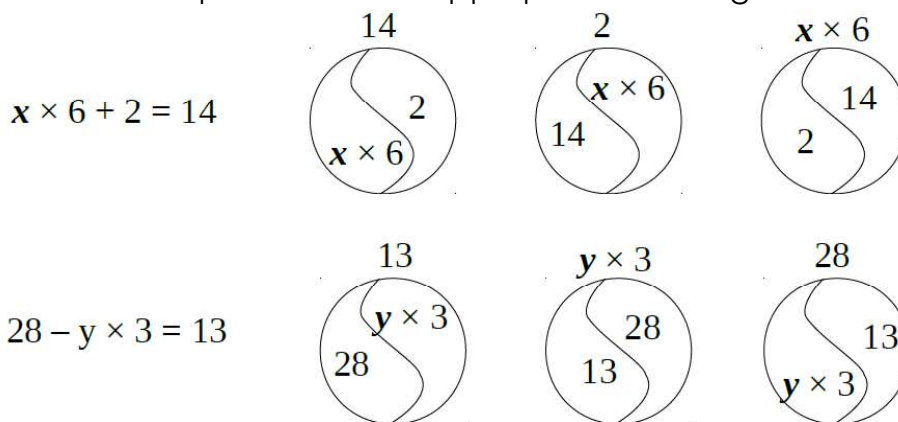
2 Change according to the instructions:



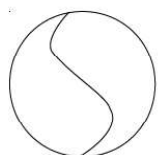
3 Change according to the instructions:



4 Match the equations to the appropriate drawings:

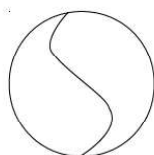


5 Complete the drawings to solve the following equations:



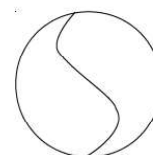
$x : 3 - 4 = 2$							
$x : 3 =$							
$x =$							
$x =$							

Check: \_\_\_\_\_



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

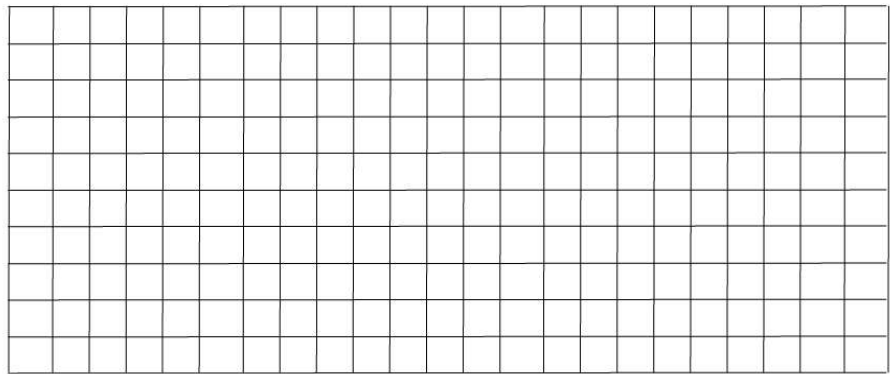
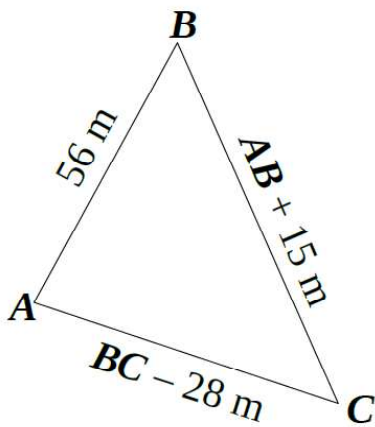
Check: \_\_\_\_\_



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

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.

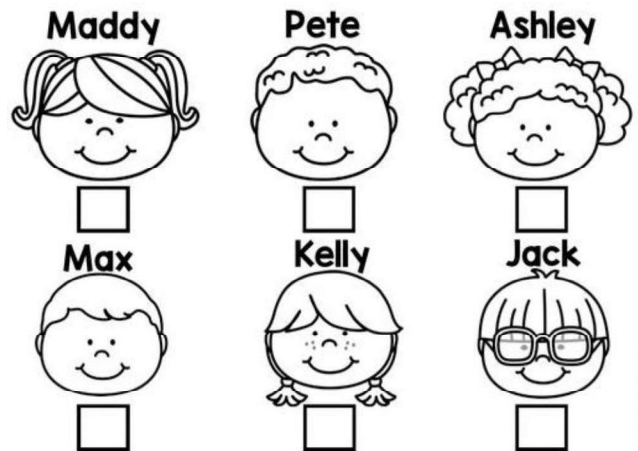
Kelly is 3 years older than Pete.

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.

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

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

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

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

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

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