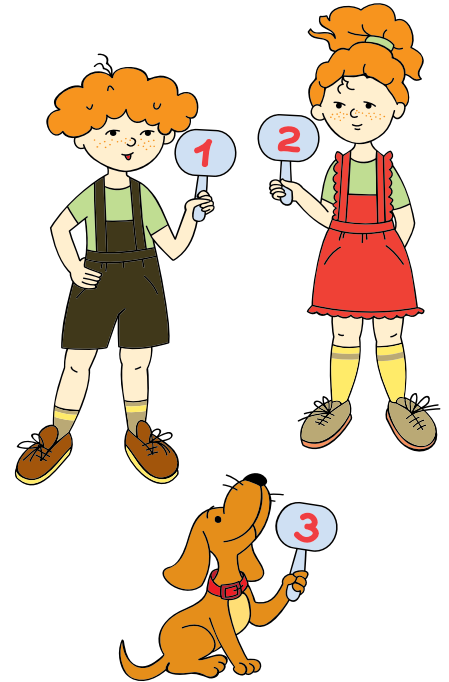


7 In which order should the operations in the expressions below be performed?

a) $26 + (32 - 16)$

d) $a + b - c + d$

b) $(247 - 123) + (384 - 164)$ e) $(a + b) - (c + d)$



8 Insert parentheses into the expressions according to the order of operations and evaluate the expressions.

a) $3 + 8 - 2 =$

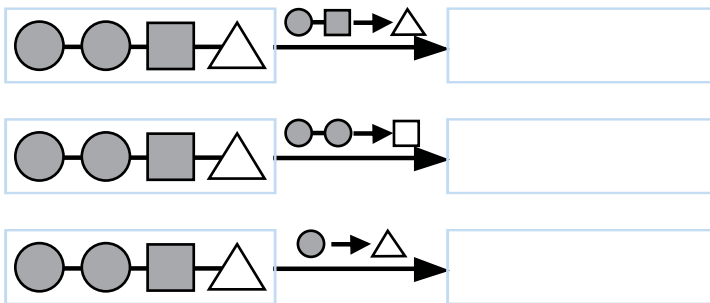
d) $4 + 7 + 2 - 5 =$

b) $9 - 3 - 5 =$

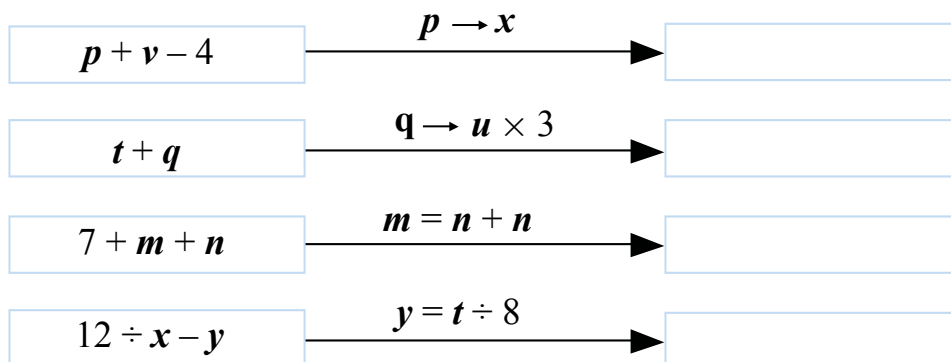
e) $6 + 1 - 5 - 3 =$

Replacements

9 Replace according to the instructions:



10 Replace according to the instructions:

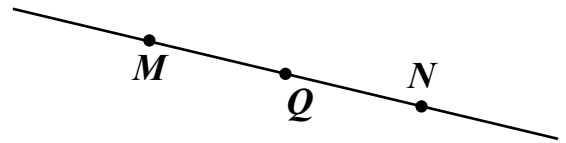


Points and Lines

A **point** represents an exact location, but has no size. To see a point, it has to be labeled with a visible mark.

- 11 a) How many points are labeled on the drawing? _____
- b) How big are these points? _____
- c) What is the difference between a point and its label? _____

All lines are made of points.
Lines may be curved or straight.



There is **only one straight line** that goes through any two points. Therefore, straight lines are often named using a pair of points.

- 12 a) What is the difference between the straight lines **MN** and **QN** above? _____
- b) What are some of the other names you can give to the straight line **MN**? _____

A straight line goes on indefinitely in both directions just like the line **MN** above.

- 13 a) Show that all three straight lines on the drawing cross.
- b) Label the points where these lines intersect. Name these points.

