1.

A line has this table of values.

x	1	2	3	4
y	−4	3	10	17

Enter numbers to complete the equation of the line.

$y = \boxed{} x - \boxed{}$

2.

A line has this table of values.

x	1	2	3	4
y	3	1	−1	−3

A line parallel to this passes through the point (0, 15).
Enter numbers to complete the equation of the parallel ine.

$y = \boxed{} x - \boxed{}$

3.

What is the gradient of the line with equation $y = x$

$\boxed{}$

4.

What is the y-intercept of the line with equation $y = 4x + 7$?

$\boxed{}$

5.

A straight line has gradient 2 and passes through the point (0, 6). What is its equation?

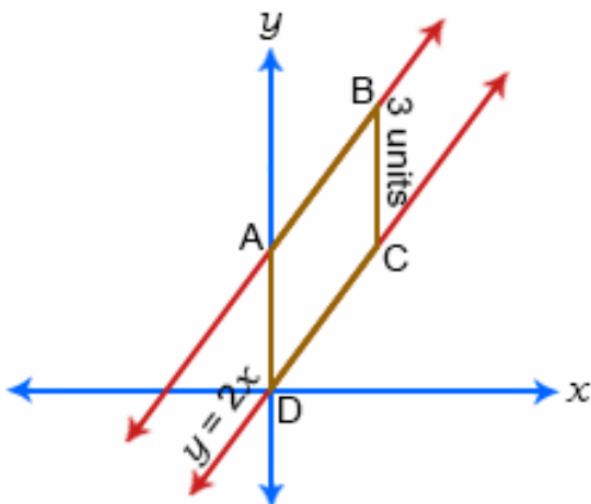$y = \boxed{} x + \boxed{}$

6.
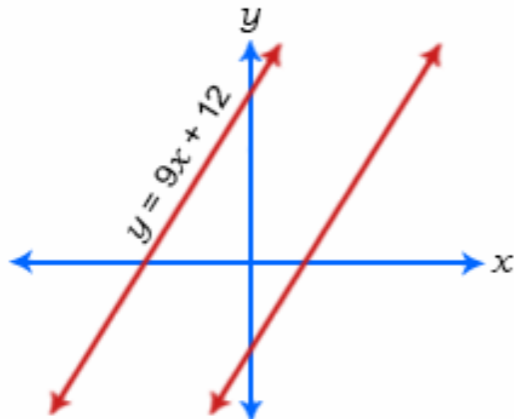
These two lines are parallel.
Select a possible equation for the second line from the options below.

a. ◯ $y = -9x$

b. ◯ $y = 9x + 7$

c. ◯ $y = -9x + 12$

d. ◯ $y = 9x - 7$

7.

ABCD is a parallelogram.
What is the equation of the line passing through the points A and B?

$y = \boxed{} x + \boxed{}$