

EQUATIONS OF LINES



NAME _____ PERIOD _____

SHOW ALL WORK!!!!!!

Write the equation of the line.

1. slope = 4, y-int = -3

2. slope = $-\frac{2}{3}$, y-int = 5

3. slope = -1, y-int = $\frac{2}{3}$

Equation: _____

Equation: _____

Equation: _____

Write the equation of a line that passes through point P and has the given slope.

4. P(0, 2)

slope = 5

5. P(-2, 4)

slope = $\frac{3}{2}$

6. P(-3, -3)

slope = $-\frac{1}{3}$

Equation: _____

Equation: _____

Equation: _____

7. P(-8, 2)

slope = $\frac{3}{4}$

8. P(15, -3)

slope = $-\frac{1}{5}$

9. P(6, 7)

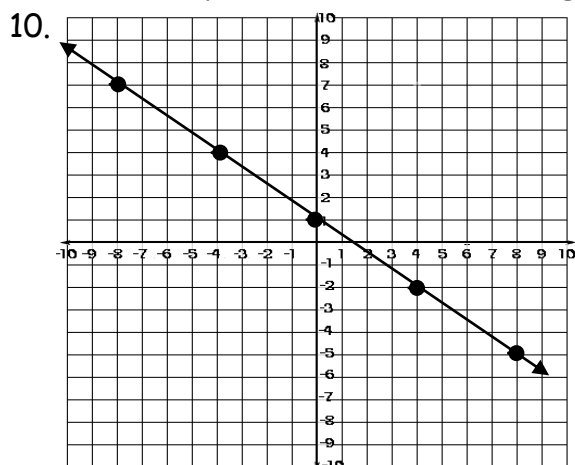
slope = $\frac{5}{2}$

Equation: _____

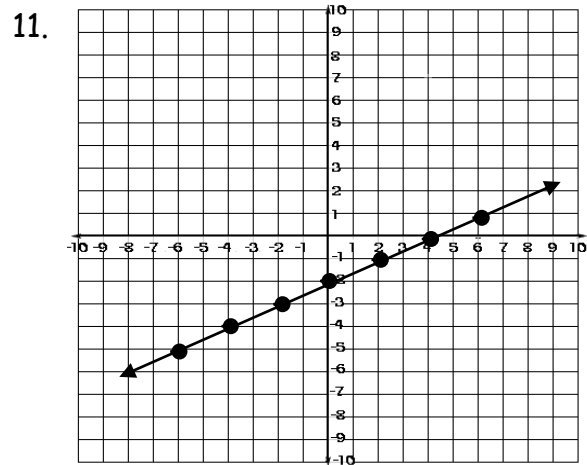
Equation: _____

Equation: _____

Write the equations of the following lines.



Equation: _____



Equation: _____