

AA – WS 5.4 – Writing Equations in Point Slope Form

Name: _____

Write an equation in point-slope form for the line through the given point that has the given slope.

1. $(3, -4); m = 6$

2. $(0, 2); m = \frac{4}{5}$

3. $(4, 0); m = 1$

4. $(-5, 2); m = 0$

5. $(-6, 1); m = \frac{2}{3}$

6. $(-2, -7); m = -\frac{3}{2}$

A line passes through the given points. Write an equation for the line in point-slope form.

7. $(3, 5) (0, 0)$

8. $(6, -4) (-3, 5)$

9. $(-3, -4) (3, -2)$

10. $(-2, 6) (5, 1)$

11. $(3, -8) (-2, 5)$

12. $(2, 7) (1, -4)$

