

Day 3

Name _____



Date _____

Coordinate Geometry

Find an equation for a line that satisfies the given slope m and contains the point.

1. $m = -11$; a point on the line: $(1, -29)$	2. $m = -12$; a point on the line: $(-6, 90)$
3. $m = 5$; a point on the line: $(0, -13)$	4. $m = \frac{5}{6}$; a point on the line: $(-4, 15\frac{2}{3})$
5. $m = \frac{2}{7}$; a point on the line: $(2, 13\frac{4}{7})$	6. $m = 7$; a point on the line: $(3, 8)$
7. $m = 16$; a point on the line: $(7, 126)$	8. $m = 4$; a point on the line: $(5, 4)$
9. $m = -14$; a point on the line: $(4, -52)$	10. $m = \frac{4}{11}$; a point on the line: $(-9, 6\frac{8}{11})$
11. $m = 6$; a point on the line: $(5, 45)$	12. $m = -2$; a point on the line: $(8, -16)$
13. $m = 18$; a point on the line: $(-3, -57)$	14. $m = \frac{1}{11}$; a point on the line: $(6, 15\frac{6}{11})$
15. $m = 17$; a point on the line: $(-7, -101)$	16. $m = 10$; a point on the line: $(1, -3)$
17. $m = 0$; a point on the line: $(-4, 11)$	18. $m = 9$; a point on the line: $(-2, -9)$