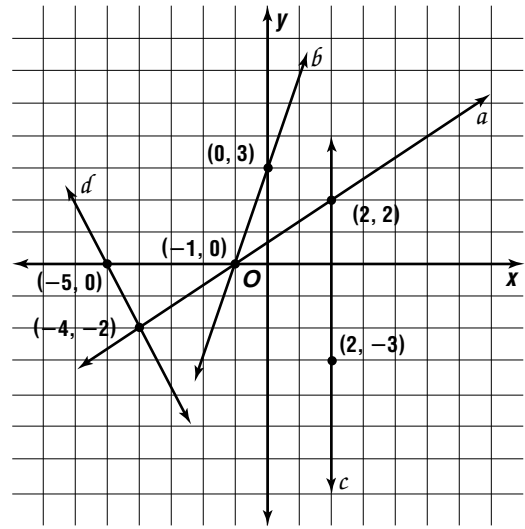


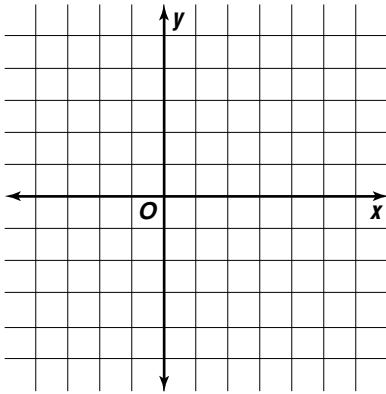
Practice

Integration: Algebra
Slopes of Lines**Determine the slope of each line named below.**

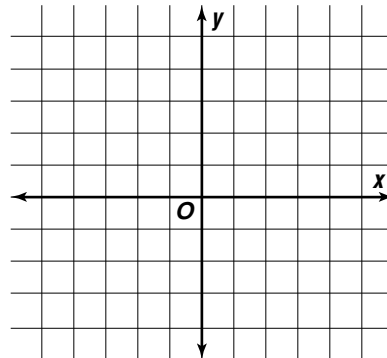
1. a
2. b
3. c
4. d
5. any line parallel to b
6. any line perpendicular to d

**Graph the line that satisfies each description.**

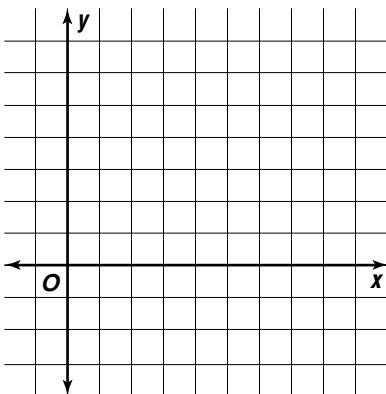
7. slope = -3 , passes through $P(1, -2)$



8. passes through $P(-1, 2)$ and is perpendicular to the line determined by $A(1, 4)$ and $B(2, 7)$

**Determine the value of r so that a line through the points with the given coordinates has the given slope. Draw a sketch of each situation.**

9. $(5, 3), (r, 6)$; slope = 1



10. $(2, r), (-2, 6)$; slope = $\frac{1}{2}$

