

3.5 skills

Determine the y-intercept for the linear relation represented in each equation.
Write the y-intercept as a coordinate pair.

1. $3x + 7y = 63$

2. $5x - 4y = 120$

3. $2x - 8y = -48$

4. $20x + 15y = 105$

5. $-16x + 23y = 253$

6. $19x + 17y = -51$

Find the slope and y-intercept of the line.

7. $y = \frac{4}{3}x - 3$

8. $14x + 4y = 24$

9. $2x + 3y = -18$

10. $-3x + 9y = 18$