

Number:
Title:

Textbook Section:

Find the equation of the line with the given properties

1. Slope is $m = -4$ and contains $(-2, 3)$.

2. Contains $(-2, 1)$ and $(5, -2)$.

3. Contains $(-3, -1)$ and $(-3, 7)$.

4. Contains $(3, 5)$ and is perpendicular to $2x - y = 8$.

5. Passes through $(2, 5)$ and is parallel to the line through $(3, -8)$ and $(-1, 4)$.