

**Quiz 23** .....

Find an equation of each line in slope-intercept form.

1. A line has a slope of  $-1$  and passes through  $(8, -3)$ .
2. A line passes through  $(-2, -6)$  and  $(1, 9)$ .
3. A line passes through  $(-5, 3)$  and  $(10, 3)$ .
4. A line is parallel to  $2x + y = 0$  and passes through  $(6, -7)$ .
5. A line is perpendicular to  $4x - 3y = 6$  and passes through  $(8, -4)$ .