

## Section 5.5 Classwork

Name \_\_\_\_\_

Date \_\_\_\_\_

Write each equation in proper standard form.

1.  $3y = 9x + 6$  \_\_\_\_\_

2.  $5x - 4 = 3y + 2$  \_\_\_\_\_

3.  $y = \frac{1}{2}x - 3$  \_\_\_\_\_

4.  $y + 4 = 2(x - 3)$  \_\_\_\_\_

Write an equation in point-slope, slope-intercept and standard form for the line with each slope and contains the given point.

5. slope: 3; (1,2)

Point-slope \_\_\_\_\_

Slope-intercept \_\_\_\_\_

Standard \_\_\_\_\_

6. slope:  $-\frac{3}{2}$ ; (3,-1)

Point-slope \_\_\_\_\_

Slope-intercept \_\_\_\_\_

Standard \_\_\_\_\_

Write an equation in standard form for the line that contains each pair of points.

7. (2,1), (-1,3) \_\_\_\_\_

8. (0,1), (-1,1) \_\_\_\_\_a

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