

Name: \_\_\_\_\_

# Math is Gold

Date: \_\_\_\_\_

**Topic: Parallel and Perpendicular Lines**

(id:lines\_eqn\_para\_B.1)

**Title: Write the equation to a line (Slope-intercept form) passing through a given point and parallel to a given line.**

1)  $(1, 2)$ ,  $y = x + 2$

2)  $(-1, 2)$ ,  $y = -5x + 3$

3)  $(0, -1)$ ,  $y = -\frac{2}{3}x + 4$

4)  $(5, 4)$ ,  $y = \frac{3}{5}x - 7$

5)  $(2, -1)$ ,  $y = -\frac{1}{4}x + 5$

6)  $(1, 4)$ ,  $2x - y = 7$

7)  $(3, 5)$ ,  $3y = 4x - 5$

8)  $(-1, -2)$ ,  $4x + 2y = -1$

9)  $(0, -2)$ ,  $x - 2y = 3$

10)  $(1, 7)$ ,  $y = -x + 2$

11)  $(0, 5)$ ,  $y - 3x + 1$

12)  $(0, 3)$ ,  $3y - x = 2$

13)  $(-1, 3)$ ,  $6x + y = -1$

14)  $(4, -2)$ ,  $4y = x + 5$

15)  $(2, 5)$ ,  $3x - 4 = y$