

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

**Math is Gold**

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

**Topic: Parallel and Perpendicular Lines**

(id:lines\_para\_perp\_find\_M.1)

**Title: Find the slopes of lines as indicated.**

1) $7x + 2y = 5$ Slope of a parallel line = ____ Slope of a perpendicular line = ____	2) $8x - 3y = -1$ Slope of a parallel line = ____ Slope of a perpendicular line = ____
3) $10x - y = -2$ Slope of a parallel line = ____ Slope of a perpendicular line = ____	4) $x - 2y = -3$ Slope of a parallel line = ____ Slope of a perpendicular line = ____
5) $2x - y = 7$ Slope of a parallel line = ____ Slope of a perpendicular line = ____	6) $-x - y = 1$ Slope of a parallel line = ____ Slope of a perpendicular line = ____
7) $x + y = 3$ Slope of a parallel line = ____ Slope of a perpendicular line = ____	8) $-x + y = 5$ Slope of a parallel line = ____ Slope of a perpendicular line = ____
9) $2x - 7y = -1$ Slope of a parallel line = ____ Slope of a perpendicular line = ____	10) $4x + 2y = 5$ Slope of a parallel line = ____ Slope of a perpendicular line = ____

<p>11) <math>\frac{1}{2}x - y = 7</math></p> <p>Slope of a parallel line = _____</p> <p>Slope of a perpendicular line = _____</p>	<p>12) <math>\frac{2}{3}x - 4y = 1</math></p> <p>Slope of a parallel line = _____</p> <p>Slope of a perpendicular line = _____</p>
<p>13) <math>\frac{1}{3}x - 3y = 5</math></p> <p>Slope of a parallel line = _____</p> <p>Slope of a perpendicular line = _____</p>	<p>14) <math>\frac{1}{7}x - 2y = 3</math></p> <p>Slope of a parallel line = _____</p> <p>Slope of a perpendicular line = _____</p>
<p>15) <math>\frac{1}{5}x - 4y = 9</math></p> <p>Slope of a parallel line = _____</p> <p>Slope of a perpendicular line = _____</p>	<p>16) <math>x - \frac{1}{2}y = 5</math></p> <p>Slope of a parallel line = _____</p> <p>Slope of a perpendicular line = _____</p>
<p>17) <math>2x - \frac{1}{3}y = 1</math></p> <p>Slope of a parallel line = _____</p> <p>Slope of a perpendicular line = _____</p>	<p>18) <math>-4x + \frac{1}{5}y = 3</math></p> <p>Slope of a parallel line = _____</p> <p>Slope of a perpendicular line = _____</p>
<p>19) <math>5x - \frac{1}{6}y = 1</math></p> <p>Slope of a parallel line = _____</p> <p>Slope of a perpendicular line = _____</p>	<p>20) <math>x - \frac{1}{7}y = 2</math></p> <p>Slope of a parallel line = _____</p> <p>Slope of a perpendicular line = _____</p>