Name: _____   Date _____

Topic: Slope and Equation of Lines- Worksheet 1
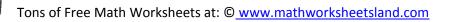
1.   Find the equation of a line that has slope 4 and passes through (5, 3)

2.   Find the slope of line passing through the point (2, 4) and (-7, -5)

3.   Find the equation of a line that has a slope of 13 and y intercept of -18

4.   Find the equation of a line that passes through points (9, 3)and (-6, 5)

5.   Find the slope of line whose equation is y-6x =10

6.   Find the equation of a line whose slope is 8 and whose y-intercept is 15

7.   Write an equation for a line passing through the points (3, b) and (-11, b)

8.   Write an equation for line passing through points (d, 5c) and (d, -2c)

9.   Find the equation of a line that has slope 12 and passes through (9, 13)

10.   Find slope of line passing through the point (7, 3) and (5, 9)

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<u>Topic: Slope and Equation of Lines- Worksheet 2</u>

1.   Find the equation of a line that has slope 5 and passes through (9, 7)

2.   Find the slope of line passing through the point (6, 8) and (-3, -6)

3.   Find the equation of a line that has a slope of 14 and y intercept of -10

4.   Find the equation of a line that passes through points (3, 4)and (-2, 7)

5.   Find the slope of line whose equation is y-3x =15

6.   Find equation of line whose slope is 7 and whose y-intercept is 18

7.   Write an equation for a line passing through the points (5, b) and (-13, b)

8.   Write an equation for the line passing through points (d, 2c) and (d, -8c)

9.   Find the equation of a line that has slope 2 and passes through (7, 11)

10. Find slope of line passing through the point (6, 9) and (3, 8)

Topic: Slope and Equation of Lines- Worksheet 3

1.   Find the equation of a line that has slope 9 and passes through (3, 2)

2.   Find the slope of line passing through the point (8, 5) and (-2, -9)

3.   Find the equation of a line that has a slope of 15 and y intercept of -11

4.   Find the equation of a line that passes through points (4, 7)and (-8, 3)

5.   Find the slope of line whose equation is y-7x =17

6.   Find the equation of a line whose slope is 3 and whose y-intercept is 12

7.   Write an equation for a line passing through the points (5, b) and (-10, b)

8.   Write an equation for a line passing through points (d, 6c) and (d, -9c)

9.   Find the equation of a line that has slope 4 and passes through (8, 20)

10.   Find slope of line passing through the point (4, 3) and (5, 9)

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Topic: Slope and Equation of Lines- Worksheet 4

1.   Find the equation of a line that has slope 11 and passes through (8, 9)

2.   Find the slope of line passing through the point (3, 7) and (-6, -5)

3.   Find the equation of a line that has a slope of 11 and y intercept of -18

4.   Find the equation of a line that passes through points (2, 8)and (-10, 7)

5.   Find the slope of line whose equation is $y - 6x = 19$

6.   Find equation of a line whose slope is 5 and whose y-intercept is 13

7.   Write an equation for a line passing through the points (7, b) and (-14, b)

8.   Write an equation for a line passing through points (d, 9c) and (d, -4c)

9.   Find the equation of a line that has slope 3 and passes through (4, 13)

10.   Find slope of line passing through the point (6, 2) and (3, 8)

Topic: Slope and Equation of Lines- Worksheet 5

1.   Find the equation of a line that has slope 14 and passes through (2, 5)

2.   Find the slope of line passing through the point (9, 6) and (-3, -2)

3.   Find the equation of a line that has a slope of 16 and y intercept of -11

4.   Find the equation of a line that passes through points (7, 2)and (-5, 3)

5.   Find the slope of line whose equation is y-8x =17

6.   Find the equation of a line whose slope is 8 and whose y-intercept is 9

7.   Write an equation for a line passing through the points (6, b) and (-8, b)

8.   Write an equation for a line passing through points (d, 4c) and (d, -2c)

9.   Find the equation of a line that has slope 20 and passes through (8, 12)

10.   Find slope of line passing through the point (4, 5) and (6, 9)