Name: _____   Date _____

Topic: Equation of a line- Worksheet 1

Do the following:

1. Find the equation of the line that has a slope of 5 and passes through the point (-9,6)

2. Find the equation of the line that has a slope of 4 and a y-intercept of 8.

3. Find the equation of the line that passes through the points (4, 7) and (-2, 6)

4. Find the slope of the line whose equation is
$4y - 8x = 9$.

5. Find the equation of the line that has a slope of 6 and passes through the point (-3, 6)

6. Find the equation of the line that has a slope of 5 and a y-intercept of 8.

7. Find the equation of the line that passes through the points (12, 9) and (2, 7)

8. Find the slope of the line whose equation is
$3y - 7x = 10$.

9. Find the equation of the line that has a slope of 7 and passes through the point (-9, 4)

10. Find the equation of the line that has a slope of -8 and a y-intercept of 12.

Name: _____   Date _____

<u>Topic: Equation of a line- Worksheet 2</u>

Do the following:

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

2. Find the equation of the line that has a slope of 8 and a y-intercept of 10.

3. Find the equation of the line that passes through the points (2,5) and (-8, 4).

4. Find the slope of the line whose equation is
6y - 12x = 11.

5. Find the equation of the line that has a slope of 8 and passes through the point (-5, 8).

6. Find the equation of the line that has a slope of 7 and a y-intercept of 12.

7. Find the equation of the line that passes through the points (14, 7) and (4, 9).

8. Find the slope of the line whose equation is
11y - 4x = 14.

9. Find the equation of the line that has a slope of 3 and passes through the point (-5, 6).

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

Name: _____   Date _____

Topic: Equation of a line- Worksheet 3

Do the following:

1. Find the equation of the line that has a slope of 11 and passes through the point (-5,8)

2. Find the equation of the line that has a slope of 10 and a y-intercept of 15.

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

4. Find the slope of the line whose equation is
8y - 16x = 12.

5. Find the equation of the line that has a slope of 14 and passes through the point (-3, 12).

6. Find the equation of the line that has a slope of 9 and a y-intercept of 16.

7. Find the equation of the line that passes through the points (20, 3) and (6, 11).

8. Find the slope of the line whose equation is
13y - 6x = 18.

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

10. Find the equation of the line that has a slope of -4 and a y-intercept of 13.

Name: _____   Date _____

<u>Topic: Equation of a line- Worksheet 4</u>

Do the following:

1. Find the equation of the line that has a slope of 13 and passes through the point (-3,2)

2. Find the equation of the line that has a slope of 16 and a y-intercept of 20.

3. Find the equation of the line that passes through the points (4,13) and (-15, 6).

4. Find the slope of the line whose equation is
17y - 9x = 10.

5. Find the equation of the line that has a slope of 16 and passes through the point (-5, 9).

6. Find the equation of the line that has a slope of 11 and a y-intercept of 5.

7. Find the equation of the line that passes through the points (22, 9) and (6, 8).

8. Find the slope of the line whose equation is
15y - 3x = 14.

9. Find the equation of the line that has a slope of 10 and passes through the point (-11, 5).

10. Find the equation of the line that has a slope of -9 and a y-intercept of 15.

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Name: _____   Date _____

Topic: Equation of a line- Worksheet 5
Do the following:

1. Find the equation of the line that has a slope of 14 and passes through the point (-6,7)

2. Find the equation of the line that has a slope of 12 and a y-intercept of 19

3. Find the equation of the line that passes through the points (2,11) and (-16, 5)

4. Find the slope of the line whose equation is
20y - 8x = 5

5. Find the equation of the line that has a slope of 20 and passes through the point (-9, 7)

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

7. Find the equation of the line that passes through the points (18, 6) and (4, 12)

8. Find the slope of the line whose equation is
20y - 2x = 7

9. Find the equation of the line that has a slope of 18 and passes through the point (-5, 4)

10. Find the equation of the line that has a slope of -7 and a y-intercept of 19