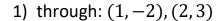


#### Math Worksheets

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

# Writing Linear Equations

Write the equation of the line through the given points.



2) through: (-2,1), (1,4)

3) through: (-2,1), (0,5)

4) through: (5, 4), (2, 1)

5) through: (-4,9), (3,2)

6) through: (8, 3), (7, 2)

7) through: (7, -2), (5, 2)

8) through: (-3,9), (5,-7)

9) through: (6,8), (4,14)

10) through: (5,9), (7,-3)

11) through: (-2,8), (-6,-4)

12) through: (3,3), (1,-5)

13) through: (8, -5), (-5, 8)

14) through: (2,-6), (-1,3)

15) through: (5,5), (2,-4)

16) through: (-1,8), (2,-7)

# 这 Solve each problem.

- 17) What is the equation of a line with slope 2 and intercept 4? \_\_\_\_\_
- 18) What is the equation of a line with slope 4 and intercept 12? \_\_\_\_\_
- 19) What is the equation of a line with slope 4 and passes through point (4,2)?
- 20) What is the equation of a line with slope -2 and passes through point (-2,4)?
- 21) The slope of a line is -3 and it passes through point (-1,5). What is the equation of the line?
- 22) The slope of a line is 3 and it passes through point (-1,4). What is the equation of the line?

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### Math Worksheets

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

### **Answers**

### **Writing Linear Equations**

1) 
$$y = 5x - 7$$

2) 
$$y = x + 3$$

3) 
$$y = 2x + 5$$

4) 
$$y = x - 1$$

5) 
$$y = -x + 5$$

6) 
$$y = x - 5$$

7) 
$$y = -2x + 12$$

8) 
$$y = -2x + 3$$

9) 
$$y = -3x + 26$$

10) 
$$y = -6x + 39$$

11) 
$$y = 3x + 14$$

12) 
$$y = 4x - 9$$

13) 
$$y = -x + 3$$

14) 
$$y = -3x$$

15) 
$$y = 3x - 10$$

16) 
$$y = -5x + 3$$

17) 
$$y = 2x + 4$$

18) 
$$y = 4x + 12$$

19) 
$$y = 4x - 14$$

20) 
$$y = -2x + 8$$

21) 
$$y = -3x + 2$$

22) 
$$y = 3x + 7$$