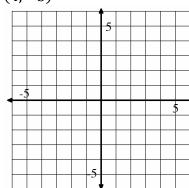
Basic Skills Homework

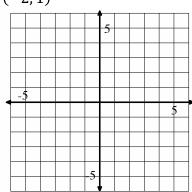
Given the ordered pairs below, graph the points on the grid provided.

1. (4, -3)



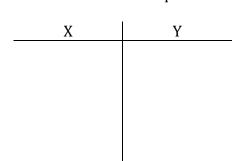
2.





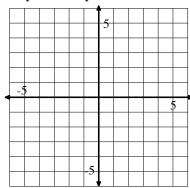
Use the equations of a line y = 3x + 1 to answer the following questions

3. Make a table for the equation



4.

Graph the equation

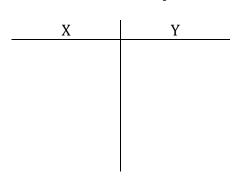


5. What is the slope of the equation?

What is the y intercept of the 6. equation?

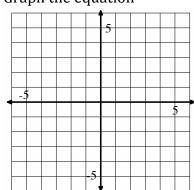
Use the equations of a line $y = \frac{1}{3}x + 1$ to answer the following questions

7. Make a table for the equation



8.

Graph the equation



9. What is the slope of the equation?

What is the y intercept of the 10. equation?

Expressions and Equations

Evaluate the expressions below. Remember to use the Order of Operations.

11.
$$9 + 9 + 6 - 5$$

12.
$$(5+16) \div 7-2$$

13.
$$7 + 10 \cdot 5 + 10$$

14.
$$(6+25-7) \div 6$$

15.
$$(6-4)49 \div 7$$

16.
$$(7 \cdot 5) \div 5$$

17.
$$\frac{43-1}{4+2} + 10$$

18.
$$(8+5) \cdot \frac{35}{5} + 6$$

Solve the following equations for the unknown value. Show all of your work.

19.
$$2x = x + 3$$

$$2x = x + 3$$
 $x = ___ 20.$ $x + 4 = 3x$ $x = ___ 20.$

21.
$$4x = 2x + 6$$

21.
$$4x = 2x + 6$$
 $x = ____$ 22. $3x + 7 = 4x$ $x = ____$

23.
$$x + 4 = 2x + 3 x =$$

24.
$$x + 10 = 3x + 2$$
 $x =$