

Trimester II Review

Solving single and multi-step equations

1. $15x + 4 = 49$

2. $\frac{b}{3} - 6 = -2$

2. $8 - \frac{3}{8}m = -4$

3. $\frac{15-y}{3} = -9$

4. $-5x - 10 = 2 - (x + 4)$

5. $6 + 2(3n - 2) = 4(1 + n)$

Evaluate.

6. $4y + 5 - 7y - 1$

7. $9 \cdot (3 + 4)$

8. $22 \div 11 \cdot 9 - 3^2$

9. $6^2 + 3 \cdot 7 - 9$

Evaluate each expression if $a = 12$, $b = 9$, and $c = 4$.

10. $2c(a + b)$

11. $(a^2 \div 4b) + c$

12. $\frac{2(a-b)^2}{5c}$

13. $|x| = 7$

14. $|x + 5| = 3$

15. $|4 - x| = 3$

Find the slope of the line that passes through the following points.

16. $(-7, 8)$ $(-7, 5)$

17. $(3, 9)$ $(-2, 8)$

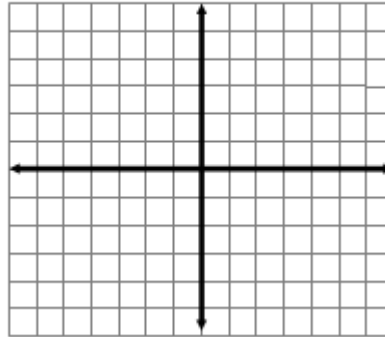
19. $(6, -2)$, $(5, -4)$

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Graphing using a table.

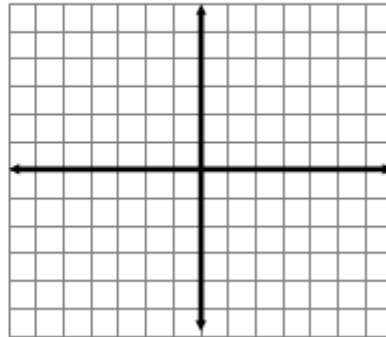
20. $y = 2x - 3$

x		y



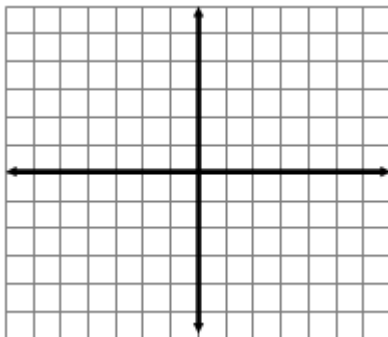
21. $2x - y = 4$

x		y



Graph using the slope and y – intercept.

22. $y = -3x + 2$



23. Rewrite the equation in slope-intercept form.

Then graph : $2x + 3y - 4 = x + 5$

