

Algebra SKILLS #23

Focus: Multiplying/Dividing Integers

Name: _____

Date: _____

You should be able to do all of these problems correctly. Apply yourself to do your best and **show your work**, **no calculators**.

1. Find the product

a. $12 \cdot (-14) =$ _____

b. $-25 \cdot (-16) =$ _____

c. $20 \cdot -(60) =$ _____

2. Find the quotient

a. $-72 \div (-6) =$ _____

b. $-384 \div (-12) =$ _____

c. $-1224 \div (18) =$ _____

3. $(-8)^3 =$

4. $(-12 \cdot -6) \div 18 + -7 \cdot 8 =$

5. Charlotte started the year with a bank account balance of \$1250. She withdrew \$10 each week for a year and then deposited \$200 at the end of the year. How much money does she have now?

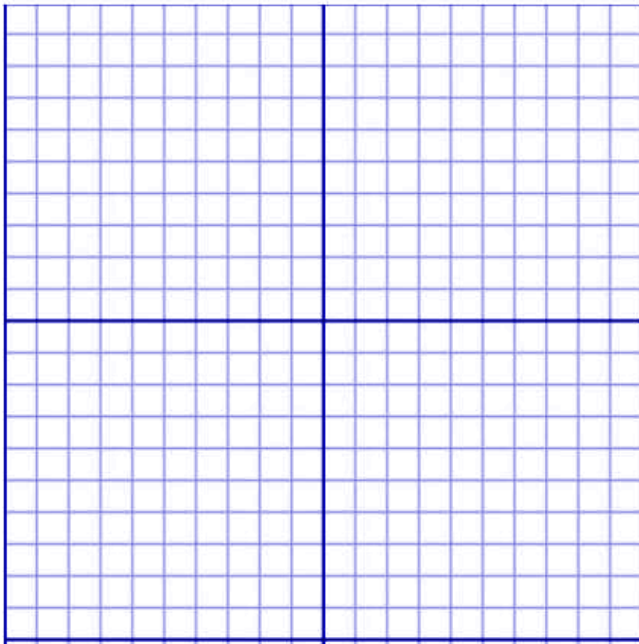
6. Solve for the variable in the equation:

$$14 - (x - 2) = 3 - 6x - 2(x - 4)$$

7. Solve for x.

$$| 2x - 6 | = 8$$

8. Graph $4x - 2y = 4$



9. Write the equation from question eight into slope intercept form.

10. $9 + -3 - (-11) \times 5 = \underline{\hspace{2cm}}$