

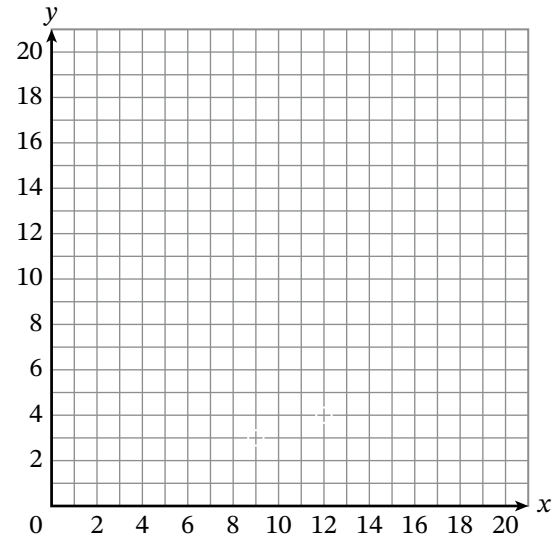


Name _____

Date _____

1. Use the table and coordinate plane to complete parts (a)–(f).

x-Coordinate	y-Coordinate	Ordered Pair
9	3	(9, 3)
12	4	(12, 4)
15	5	(15, 5)
18	6	(18, 6)



- Plot the points that represent the four ordered pairs in the coordinate plane.
- What is the rule for the x -coordinate?
- What is the rule for the y -coordinate?
- Describe the relationship between the x - and y -coordinates.
- When the y -coordinate is 40, what is the corresponding x -coordinate?
- When the x -coordinate is 45, what is the corresponding y -coordinate?

REMEMBER

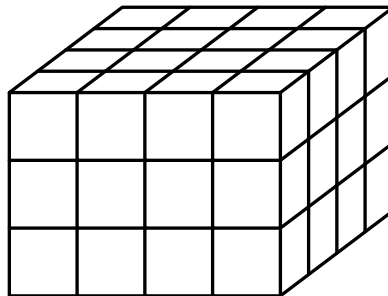
2. Write an expression that can be used to solve the problem.

Kayla has \$12.25. She earns \$7.50 each time she washes a car. Kayla washes 3 cars. How much money does Kayla have now?

3. Without evaluating, use $>$, $=$, or $<$ to compare the expressions.

$$37 + (6.25 \times 1.07) \quad \underline{\hspace{1cm}} \quad 37 - (6.25 \times 1.07)$$

4. The right rectangular prism shown is made of centimeter cubes. Use the prism to complete parts (a)–(d).



- The area of the base is _____ square centimeters.
- The height of the right rectangular prism is _____ centimeters.
- The volume of the right rectangular prism is _____ cubic centimeters.
- How does the total number of centimeter cubes relate to the volume?