

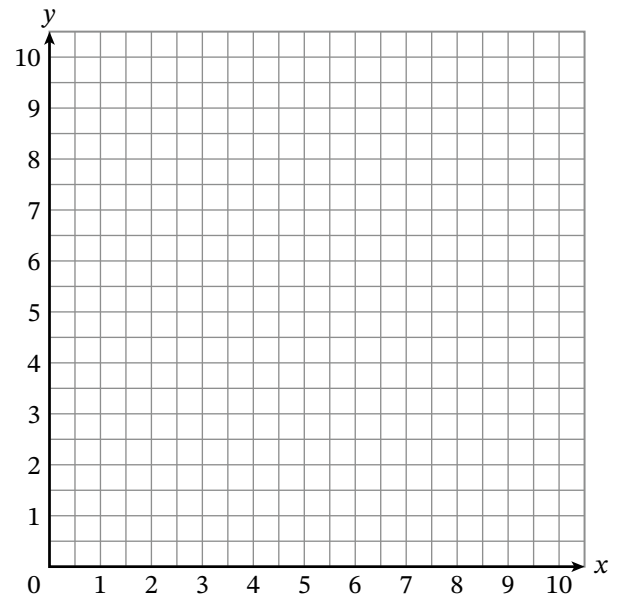


Name \_\_\_\_\_

Date \_\_\_\_\_

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

<b>x-Coordinate</b>	<b>y-Coordinate</b>	<b>Ordered Pair</b>
0	2	(0, 2)
$2\frac{1}{2}$	$4\frac{1}{2}$	$(2\frac{1}{2}, 4\frac{1}{2})$
5	7	(5, 7)
$7\frac{1}{2}$	$9\frac{1}{2}$	$(7\frac{1}{2}, 9\frac{1}{2})$



- 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 movement from point (5, 7) to  $(7\frac{1}{2}, 9\frac{1}{2})$ .
- Fill in the blanks to describe the relationship between the  $x$ - and  $y$ -coordinates.  
The \_\_\_\_-coordinates are 2 more than the corresponding \_\_\_\_-coordinates.
- When the  $x$ -coordinate is 35, what is the corresponding  $y$ -coordinate?

**REMEMBER**

Use the Read–Draw–Write process to solve each problem.

2. Tara's container holds 21 cups of a mixture. She fills  $\frac{3}{7}$  of the container with sunflower seeds. She fills  $\frac{1}{2}$  of the remaining space in the container with peanuts. She fills the rest of the container with dried fruit. Later, Tara takes out  $\frac{1}{3}$  of the dried fruit. How many cups of dried fruit does Tara take out?

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3. A jar of peanut butter is  $\frac{3}{4}$  full. Kelly uses  $\frac{1}{6}$  of the remaining peanut butter in the jar to make a sandwich. How much of the peanut butter in the jar does Kelly use?