

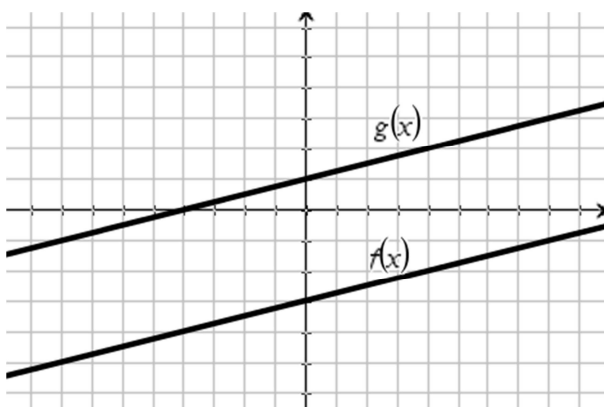
Match the WTS with each type of quadrilateral.

_____ Parallelogram	a. All sides are congruent
_____ Rhombus	b. Opposite sides are parallel
_____ Rectangle	c. All sides are congruent and all adjacent sides are perpendicular
_____ Square	d. All adjacent sides are perpendicular

You are given information about $f(x)$ and $g(x)$. Fill in the blanks with the appropriate forms.

<p>4. $f(x) = 7x + 13$ $g(x) = 7x - 5$</p> <p>$f(x) =$ Translation form</p>	<p>5. $f(x) = 22x - 12$ $g(x) = 22x + 21$</p> <p>$g(x) =$ Translation form</p>	<p>6. $f(x) =$ $g(x) = -15x - 11$</p> <p>$g(x) = f(x) - 3$ Translation form</p>																																													
<p>7.</p> <table border="1"> <thead> <tr> <th>x</th> <th>$f(x)$</th> <th>$g(x)$</th> </tr> </thead> <tbody> <tr> <td>3</td> <td></td> <td>26</td> </tr> <tr> <td>10</td> <td></td> <td>61</td> </tr> <tr> <td>25</td> <td></td> <td>136</td> </tr> <tr> <td>40</td> <td></td> <td>211</td> </tr> </tbody> </table> <p>$g(x) = f(x) + 5$ Translation form</p>	x	$f(x)$	$g(x)$	3		26	10		61	25		136	40		211	<p>8.</p> <table border="1"> <thead> <tr> <th>x</th> <th>$f(x)$</th> <th>$g(x)$</th> </tr> </thead> <tbody> <tr> <td>-4</td> <td>5</td> <td>10</td> </tr> <tr> <td>-1</td> <td>-1</td> <td>4</td> </tr> <tr> <td>5</td> <td>-13</td> <td>-8</td> </tr> <tr> <td>20</td> <td>-43</td> <td>-38</td> </tr> </tbody> </table> <p>$f(x) =$ Translation form</p>	x	$f(x)$	$g(x)$	-4	5	10	-1	-1	4	5	-13	-8	20	-43	-38	<p>9.</p> <table border="1"> <thead> <tr> <th>x</th> <th>$f(x)$</th> <th>$g(x)$</th> </tr> </thead> <tbody> <tr> <td>-10</td> <td>3</td> <td>0</td> </tr> <tr> <td>-3</td> <td>9</td> <td>6</td> </tr> <tr> <td>22</td> <td>22</td> <td>19</td> </tr> <tr> <td>41</td> <td>18</td> <td>15</td> </tr> </tbody> </table> <p>$g(x) =$ Translation form</p>	x	$f(x)$	$g(x)$	-10	3	0	-3	9	6	22	22	19	41	18	15
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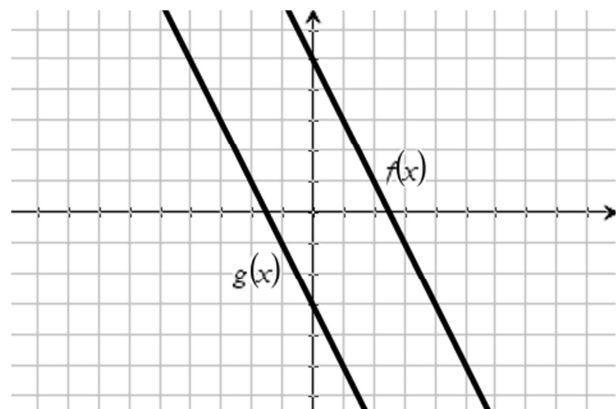
12. $f(x) = \frac{1}{4}x - 3$



a. $g(x) =$
Translation form

b. $f(x) =$
Translation form

13. $f(x) = -2x + 5$



a. $g(x) =$
Translation form

b. $f(x) =$
Translation form

<i>Favorite TV Networks</i>	<i>Girls</i>	<i>Boys</i>	<i>Totals</i>
Animal Planet	6	19	25
Cartoon Network	10	15	25
Disney	22	16	38
Nickelodeon	36	12	48
<i>Totals</i>	74	62	136

Make a relative frequency by row table using the values above.

<i>Favorite TV Networks</i>	<i>Girls</i>	<i>Boys</i>	<i>Totals</i>
Animal Planet			100%
Cartoon Network			100%
Disney			100%
Nickelodeon			100%
<i>Totals</i>			100%

Make a relative frequency table using the values above.

<i>Favorite TV Networks</i>	<i>Girls</i>	<i>Boys</i>	<i>Totals</i>
Animal Planet			
Cartoon Network			
Disney			
Nickelodeon			
<i>Totals</i>			100%

Please state whether each conditional observation is true or false.

_____ 76% of boys prefer watching the Animal Planet.

_____ About 9% of boys prefer watching Nickelodeon.

_____ About 54% of those surveyed were girls.

_____ About 7% of those surveyed are girls who like Cartoon Network.

_____ About 30% of those surveyed prefer watching Disney.

For each set of data determine the 5-number summary and create a box plot.

10. {20,23,24,24,25,25,25,29,30}

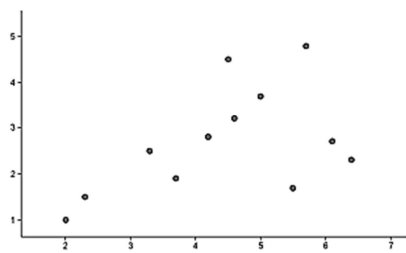
11. {10,20,24,24,25,25,29,33,35}

Min:	Min:
Q1:	Q1:
Median:	Median:
Q3:	Q3:
Max:	Max:

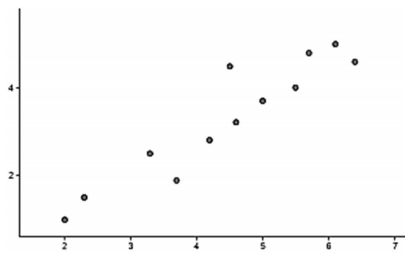
Determine which correlation coefficient matches best with each graph.

$r = 1.0$	$r = 0.8$	$r = 0.24$	$r = 0$
$r = -0.10$	$r = -0.3$	$r = -0.974$	$r = -1.0$

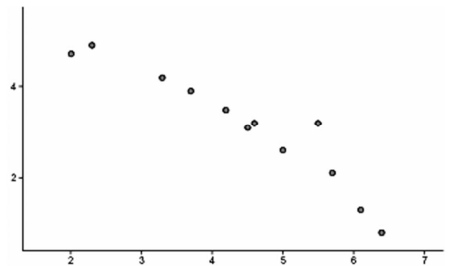
Set A



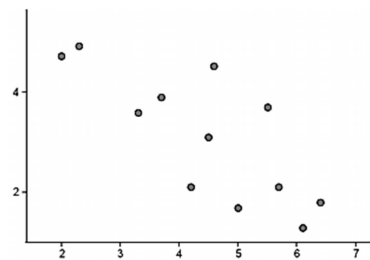
Set B



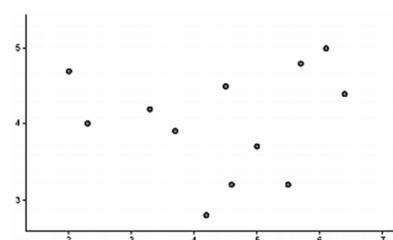
Set C



Set D



Set E



Set F

