

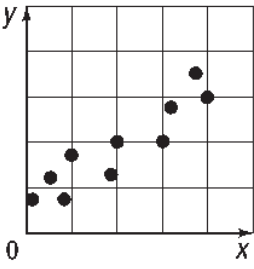
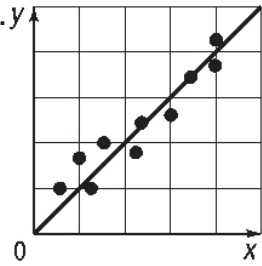
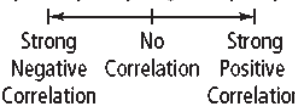
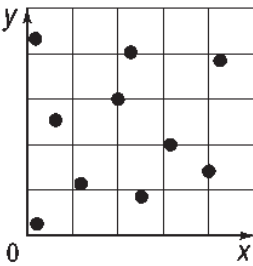
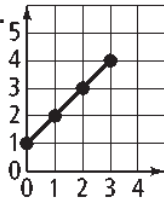
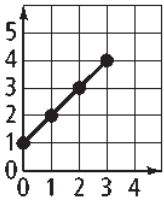
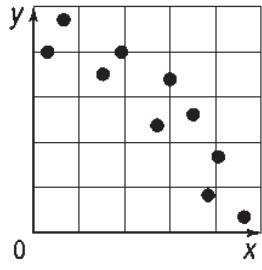
# 5-7 Additional Vocabulary Support

## Scatter Plots and Trend Lines

### Concept List

causal relationship	correlation coefficient	extrapolation
interpolation	line of best fit	negative correlation
no correlation	positive correlation	trend line

Choose the concept from the list above that best represents the item in each box.

<p>1. LinReg (<math>ax + b</math>)</p>	<p>2. </p>	<p>3. <table border="1" data-bbox="1031 613 1323 823"> <thead> <tr> <th>Practice Time (hours)</th> <th>Grade in Band Class</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>C</td> </tr> <tr> <td>20</td> <td>B</td> </tr> <tr> <td>40</td> <td>A</td> </tr> </tbody> </table></p>	Practice Time (hours)	Grade in Band Class	10	C	20	B	40	A
Practice Time (hours)	Grade in Band Class									
10	C									
20	B									
40	A									
<p>4. </p>	<p>5. <math>r = -1</math>   <math>r = 0</math>   <math>r = 1</math>  </p>	<p>6. </p>								
<p>7.           Estimate the value for <math>y</math> when <math>x = 3.5</math>.</p>	<p>8.           Estimate the value for <math>y</math> when <math>x = 1.5</math>.</p>	<p>9. </p>								