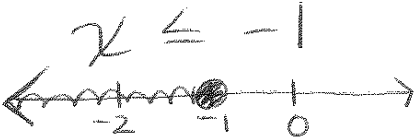

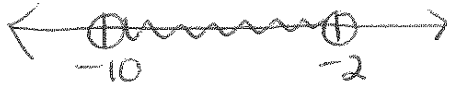
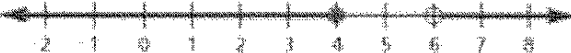

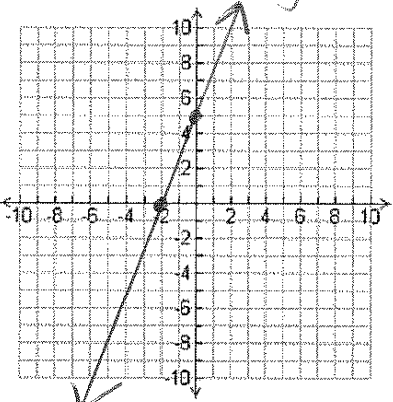
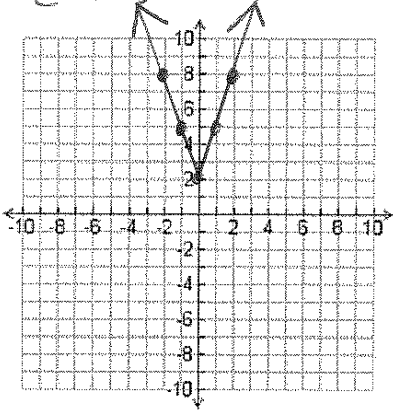
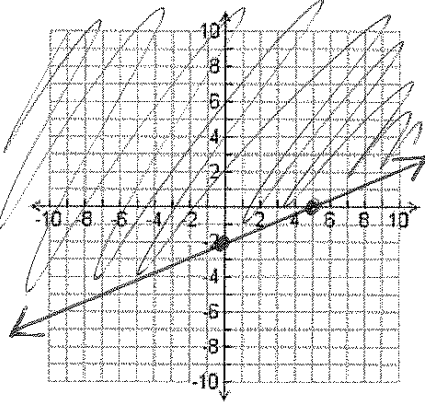


Chapter 1: pR1

|   |   |
|---|---|
| <p>2.</p> <p>97</p>   | <p>4.</p> <p>-259</p>   |
| <p>7.</p> <p>\$551.69</p>   | <p>10.</p> <p><math>-54c + 17d</math></p>   |
| <p>14.</p> <p>-18</p>   | <p>17.</p> <p><math>\{1, 4\}</math></p>   |
| <p>20.</p> <p><math>x \leq -1</math></p>    | <p>21.</p> <p><math>y &lt; -4</math></p>   |
| <p>22a.</p> <p><math>x \leq 18.8</math></p> <p>22b. No, not enough money</p>  | <p>23.</p> <p><math>-10 &lt; d &lt; -2</math></p>   |
| <p>Solve the inequality.</p> <p><math> 2x+1  \leq 7</math></p> <p><math>-4 \leq x \leq 3</math></p>   | <p>Solve the inequality.</p> <p><math> x-8 +11 &gt; 21</math></p> <p><math>x &lt; -2</math> or <math>x &gt; 18</math></p>   |
| <p>Write the inequality that represents the graph in set notation and interval notation.</p>  <p><math>\{x \mid x \leq 4 \text{ or } x &gt; 6\}</math><br/> <math>(-\infty, 4] \cup (6, \infty)</math></p> | <p>Write the inequality that represents the graph in set notation and interval notation.</p>  <p><math>\{x \mid -3 &lt; x \leq 2\}</math><br/> <math>(-3, 2]</math></p> |

Chapter 2: pR2

|   |  |
|---|--|
| <p>1.<br/>           Domain: <math>\{-2, -1, 2\}</math><br/>           Range: <math>\{4, 1, 6\}</math><br/>           Function? No<br/>           One-to-One? x</p>   | <p>2.<br/>           Domain: <math>\{0.5, 1, 2, 2.5\}</math><br/>           Range: <math>\{2, 3, 5, 6\}</math><br/>           Function? yes<br/>           One-to-One? yes</p> |
| <p>4. x-int: -2 y-int: 5</p>   | <p>7a.<br/> <math>y = 35x + 25</math></p> <p>7b. \$ 147.50</p>   |
| <p>11a. 1.1 lb/wk</p> <p>11b. 0.9 lb/wk</p>   | <p>14.<br/> <math>y = 0.5x + 4</math></p>  |
| <p>15b. Use your calculator to find the prediction equation. Let x represent the number of years since 2000.</p> $y = 105x + 103$   | <p>15c.<br/>           1678 TVs</p>  |
| <p>18.<br/>           Domain: <math>\{x \mid x \in \mathbb{R}\}</math><br/>           Range: <math>\{h(x) \mid h(x) \geq 2\}</math></p>  | <p>25.</p>   |
| <p>Describe the translations in each function. Do not graph.</p> <p>19. shift down 3 units</p> <p>20. shift up 5 units</p> <p>21. shift left 2 units</p> <p>22. shift right 4 units</p>                                     |  |

Chapter 3: pR3

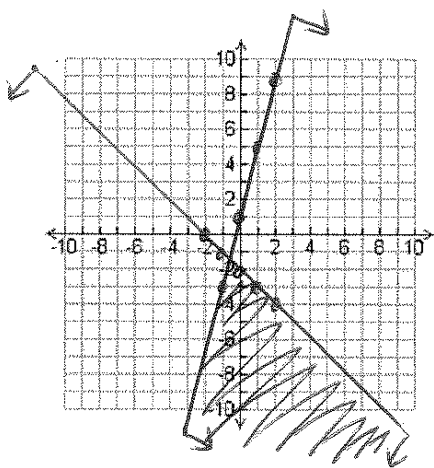
2.

$$(1, -9)$$

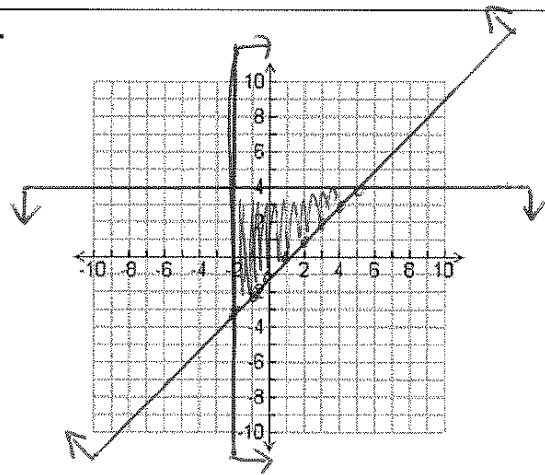
4.

$$(-4, -2)$$

6.



8.



minimum: -8

maximum: 6

10.

$$(-2, 1, 3)$$