

**Page 9**

- |     |         |     |        |     |                                     |
|-----|---------|-----|--------|-----|-------------------------------------|
| 77. | 62.5%   | 79. | -39.3% | 81. | \$106 per credit, no, it is \$99.64 |
| 78. | 1396.7% | 80. | -4.9%  | 82. | About 1085%                         |

**Page 27**

93. (a)  $x$ -min: 2005;  $x$ -max: 2008;  $y$ -min: 19.7;  $y$ -max: 25.0  
 (b) [2003, 2010, 1] by [15, 30, 5]. *Answers may vary.*  
 (c) See Figure 93c.  
 (d) See Figure 93d.

[2003, 2010, 1] by [15, 30, 5]

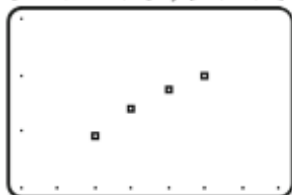


Figure 93c

[2003, 2010, 1] by [15, 30, 5]

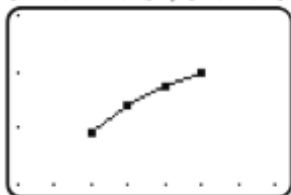


Figure 93d

94. (a)  $x$ -min: 2005;  $x$ -max: 2008;  $y$ -min: 15.1;  $y$ -max: 21.7  
 (b) [2003, 2010, 1] by [10, 25, 5]. *Answers may vary.*  
 (c) See Figure 94c.  
 (d) See Figure 94d.

[2003, 2010, 1] by [10, 25, 5]

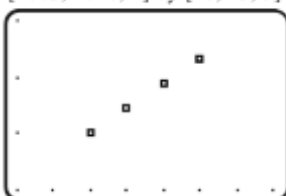


Figure 94c

[2003, 2010, 1] by [10, 25, 5]

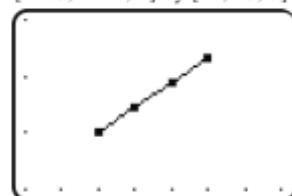


Figure 94d

95. (a)  $x$ -min: 1950;  $x$ -max: 2000;  $y$ -min: 1.7;  $y$ -max: 5.5  
 (b) [1940, 2010, 10] by [0, 7, 1]. *Answers may vary.*  
 (c) See Figure 95c.  
 (d) See Figure 95d.

[1940, 2010, 10] by [0, 7, 1]

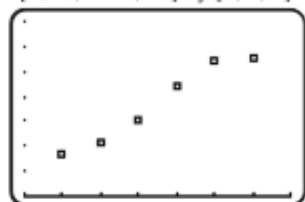


Figure 95c

[1940, 2010, 10] by [0, 7, 1]

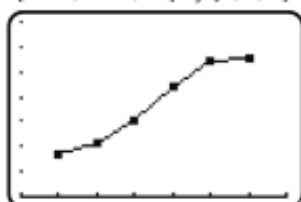


Figure 95d

96. (a)  $x$ -min: 1998;  $x$ -max: 2006;  $y$ -min: 10.5;  $y$ -max: 14.0  
 (b) [1996, 2008, 2] by [0, 20, 5]. *Answers may vary.*  
 (c) See Figure 96c.  
 (d) See Figure 96d.

[1996, 2008, 2] by [0, 20, 5]

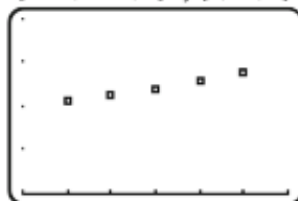


Figure 96c

[1996, 2008, 2] by [0, 20, 5]

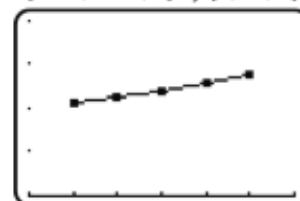


Figure 96d

**Page 28**

- |     |      |     |     |     |                       |     |                       |
|-----|------|-----|-----|-----|-----------------------|-----|-----------------------|
| 1a. | 9.88 | 2a. | -43 | 3a. | $3.485 \times 10^8$   | 3c. | $1.98 \times 10^{-3}$ |
| 1b. | 1.28 | 2b. | 2   | 3b. | $-1.2374 \times 10^3$ |     |                       |

**Page R-12**

- |     |                   |     |                         |     |                        |     |                         |
|-----|-------------------|-----|-------------------------|-----|------------------------|-----|-------------------------|
| 14. | $4^{-3}$          | 54. | $-\frac{4y^4}{3x^2}$    | 70. | $5b^2$                 | 83. | $\frac{2y^2}{x}$        |
| 25. | $\frac{1}{16}$    | 60. | $\frac{1}{16x^4y^{12}}$ | 72. | $\frac{4t^3}{r^3}$     | 87. | $y$                     |
| 31. | $\frac{64}{27}$   | 63. | $\frac{z^{20}}{32x^5}$  | 77. | $\frac{27t^9}{8}$      | 89. | $\frac{125r^{15}}{t^9}$ |
| 38. | $18y$             | 69. | $\frac{3a}{2b}$         | 82. | $\frac{a^8}{81b^{12}}$ | 90. | $\frac{4x^2}{y^{16}}$   |
| 44. | $\frac{30y}{x^2}$ |     |                         |     |                        |     |                         |
| 50. | $2x^8$            |     |                         |     |                        |     |                         |

