

Unit 26.1

1. a) 31.67; 31.5; 31; 7 b) 13.375; 11.5; 13; 28
 c) 381.57; 408; 415; 205 d) 3.88°C; 4°C; 4°C; 8°C
 e) 0.4; 0.4; 0.4; 0.7 f) 3.28°C; 3°C; 3°C; 6°C
 g) 509; 509; 509; 18 h) 27; 27.5; 28; 5
2. high 4. a) 43 b) 40 c) 48
5. may be less than least number 6. \$150 7. 105 8. \$90
9. \$350

Unit 26.2

2. median=55; mode=59 3. 45 4. a) 5 b) 23; 23; 37
6. leaves-21; steam-4 7. median=30; mode=27; range=35 8. b
9. 131 units

Unit 26.3

1. a) 32; 32; 32 b) median 2. yes 3. b) 23; 21,21
 d) 24 4. a) \$1,400 b) \$1,350 c) because mean is \$1,500 e) median
5. b

Unit 26.4

1. a) whole population b) sample c) sample 2. a) population
 b) population c) sample d) sample 3. a) biased b) biased
 c) biased d) biased e) biased 4. $16\frac{2}{3}\%$ 5. 60% 6. sample

Unit 26.6

1. 0.75, 0.76, 0.77, 0.78
2. 34.5, 35.0, 35.5, 36.0, 36.5
6. $a+b+c+d+e+f+g=29.75 \times 7$
11. \$15, \$27, and \$39

Unit 26.7

1. a) mean=32; median=21; mode=48; range=78
 b) mean= $p+7$; median= $2(p+6)$; mode= $p+3$; range=15
3. median=39; mode=47; range=52