

Practice B

$$1. \frac{5+1+7+1+6}{5}$$

$$\frac{20}{5} = 4$$

$$2 \quad \frac{9+6}{2} = \frac{15}{2}$$

$$7.5$$

$$3. \quad \frac{7+0+20}{3}$$

$$\frac{27}{3} = 9$$

$$4 \quad \frac{8+1+4+7+11+4+7}{7}$$

$$\frac{42}{7} = 6$$

$$5. \quad \frac{12+9+18}{3}$$

$$\frac{39}{3} = 13$$

$$6 \quad \frac{10+17+8+11}{4}$$

$$\frac{46}{4} = 11.5$$

$$7. \quad \frac{9+0+3+1+5+5+8+1+4}{12}$$

$$\frac{36}{12} = 3$$

$$8 \quad \frac{22+31+16}{3}$$

$$\frac{69}{3} = 23$$

$$9 \quad \frac{18+33+25+28}{4}$$

$$\frac{104}{4} = 26$$

$$10 \quad \frac{24+13+15+37}{4}$$

$$\frac{89}{4} = 22.25$$

### Practice C

1. 5, 7, 8, 10, 13, 15

Median = 8

2. 53, 58, 64, 72

median 58 and 64

3. 2, 5, 9, 9, 12, 18

9 and 9

$$\frac{9+9}{2} = 9$$

4. 57, 58, 60, 63, 66, 71, 75, 75

63 and 66

5. 3, 5, 6, 7, 11, 13, 16, 20

7 and 11

6. 1, 1, 1, 2, 2, 4, 5, 5, 6, 7, 7, 8, 9, 9

0 5

7. 67, 85, 88, 93, 99, 102, 104, 105, 111, 113

99 and 102

8. 232, 240, 254, 275

240 and 254

Mean, Median Mode range

1 14840, 15300, 16200, 17400, 18000, 20,200

median

16200 and 17400

$$\frac{16200 + 17400}{2}$$

2

$$\frac{33600}{2}$$

2

16800 ft'

range

$$20200 - 14840$$

$$5360$$

$$= 5400 \text{ ft'}$$

2.

3300, 3500, 4100, 5200, 5600, 6600, 8100, 82500

Median

5200 and 5600

$$\frac{5200 + 5600}{2} = \frac{10800}{2} = 5400$$

Mean

$$\frac{3300 + 3500 + 4100 + 5200 + 5600 + 6600 + 8100 + 82500}{8}$$

8

$$\frac{61300}{8}$$

8

$$7662.5$$

$$= 7700$$

3 205. 130, 155, 155, 160, 195, 205, 225

mean

$$130 + 155 + 155 + 160 +$$

$$195 + 205 + 225$$

$$\frac{1290}{7}$$

7

$$184.29 \approx$$

$$184$$

median

160

mode

155

Range

$$225 - 130$$

$$95$$

Mean median mode

1 mean

$$\frac{17+2+2+20+18+2}{6}$$

$$= 10.16$$

7 mode

27, 30, 42, 37, 47, 47, 30, 31, 35, 31.

$$= 31, 30, 47$$

$$2. \frac{11+17+19+1+10+9+13+17+3}{9}$$

$$= 11.11$$

8 79, 91, 83, 77, 86, 77, 93, 75, 85

$$= 77$$

$$3 \frac{5+15+7+3+18+4}{6}$$

$$= 8.16$$

9 54, 49, 55, 53, 49, 45, 47, 52, 51, 42, 47

$$= 55$$

4 8 15 12 10 9 9

median

8, 9, 9, 10, 12, 15

median = 9 and 10

$$9+10$$

$$= \frac{19}{2} = 9.5$$

5

1 4 10 13 18 18

10 and 13

$$\frac{10+13}{2} = \frac{23}{2}$$

$$= 11.5$$

6

8, 9, 9, 14, 15, 18, 17, 19

14 and 15

$$\frac{14+15}{2} = \frac{29}{2}$$

$$= 14.5$$