

Examining Number Sets

Name: _____

Using the set of numbers find the mean (rounded to the nearest tenth), median, mode and range.

1) 18, 18, 24, 20, 23, 18

2) 57, 53, 46, 56, 53

3) 53, 53, 45, 43, 36, 53

4) 48, 47, 52, 56, 52

5) 77, 77, 92, 81, 90, 95

6) 37, 36, 48, 42, 42

7) 21, 21, 32, 24, 34, 31

8) 71, 69, 73, 71, 81

9) 36, 36, 33, 31, 35, 32

10) 29, 26, 27, 11, 27

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

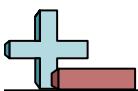
6. _____

7. _____

8. _____

9. _____

10. _____



Examining Number Sets

Name: **Answer Key**

Using the set of numbers find the mean (rounded to the nearest tenth), median, mode and range.

1) 18 , 18 , 24 , 20 , 23 , 18

mean: $121 \div 6 = 20.2$

median: 18 , 18 , 18, 19 , 20 , 23 , 24

mode: 18 = 3x

range: $24 - 18 = 6$

2) 57 , 53 , 46 , 56 , 53

mean: $265 \div 5 = 53$

median: 46 , 53 , 53 , 56 , 57

mode: 53 = 2x

range: $57 - 46 = 11$

3) 53 , 53 , 45 , 43 , 36 , 53

mean: $283 \div 6 = 47.2$

median: 36 , 43 , 45, 49 , 53 , 53 , 53

mode: 53 = 3x

range: $53 - 36 = 17$

4) 48 , 47 , 52 , 56 , 52

mean: $255 \div 5 = 51$

median: 47 , 48 , 52 , 52 , 56

mode: 52 = 2x

range: $56 - 47 = 9$

5) 77 , 77 , 92 , 81 , 90 , 95

mean: $512 \div 6 = 85.3$

median: 77 , 77 , 81, 85.5 , 90 , 92 , 95

mode: 77 = 2x

range: $95 - 77 = 18$

6) 37 , 36 , 48 , 42 , 42

mean: $205 \div 5 = 41$

median: 36 , 37 , 42 , 42 , 48

mode: 42 = 2x

range: $48 - 36 = 12$

7) 21 , 21 , 32 , 24 , 34 , 31

mean: $163 \div 6 = 27.2$

median: 21 , 21 , 24, 27.5 , 31 , 32 , 34

mode: 21 = 2x

range: $34 - 21 = 13$

8) 71 , 69 , 73 , 71 , 81

mean: $365 \div 5 = 73$

median: 69 , 71 , 71 , 73 , 81

mode: 71 = 2x

range: $81 - 69 = 12$

9) 36 , 36 , 33 , 31 , 35 , 32

mean: $203 \div 6 = 33.8$

median: 31 , 32 , 33, 34 , 35 , 36 , 36

mode: 36 = 2x

range: $36 - 31 = 5$

10) 29 , 26 , 27 , 11 , 27

mean: $120 \div 5 = 24$

median: 11 , 26 , 27 , 27 , 29

mode: 27 = 2x

range: $29 - 11 = 18$

Answers

1. 20.2 19 18 6

2. 53 53 53 11

3. 47.2 49 53 17

4. 51 52 52 9

5. 85.3 85.5 77 18

6. 41 42 42 12

7. 27.2 27.5 21 13

8. 73 71 71 12

9. 33.8 34 36 5

10. 24 27 27 18