

## MEDIAN, MODE, AND RANGE

## ANSWERS

BEFORE YOU START, ALWAYS PUT THE NUMBERS IN ORDER FROM LEAST TO GREATEST.

### HELPFUL EXAMPLE

5, 2, 8, 4, 2, 7, 6  $\Rightarrow$  2, 2, 4, 5, 6, 7, 8

SMALLEST TO BIGGEST

REWRITE THE SET OF NUMBERS FROM LEAST TO GREATEST.

1. 8, 3, 0, 6, 1, 8, 4  
0, 1, 3, 4, 6, 8, 8

2. 1, 5, 3, 7, 2, 5, 7  
1, 2, 3, 5, 5, 7, 7

3. 4, 1, 6, 2, 1, 9  
1, 1, 2, 4, 6, 9

4. 5, 16, 9, 12, 0, 6  
0, 5, 6, 9, 12, 16

5. 23, 12, 5, 17, 8, 21  
5, 8, 12, 17, 21, 23

6. 25, 7, 16, 31, 8  
7, 8, 16, 25, 31

THE **MEDIAN** IS THE NUMBER IN THE MIDDLE. **MEDIAN** = MIDDLE.

### HELPFUL EXAMPLE

5, 2, 8, 4, 2, 7, 6  $\Rightarrow$  2, 2, 4, 5, 6, 7, 8  
PUT IN ORDER FROM LEAST TO GREATEST

MEDIAN

1 2 3 3 2 1

FIND THE MEDIAN FOR EACH SET.

7. 5, 1, 4, 2, 1  
2

8. 3, 8, 6, 2, 6, 4, 1  
4

9. 10, 7, 4, 5, 7  
7

10. 6, 13, 0, 9, 3, 6, 3  
6

11. 37, 29, 18, 30, 19  
29

12. 8, 0, 3, 1, 3, 0, 5  
3

THE **MODE** IS THE NUMBER YOU SEE THE MOST. **MODE** = MOST.

### HELPFUL EXAMPLE

5, 2, 8, 4, 2, 7, 6  $\Rightarrow$  2, 2, 4, 5, 6, 7, 8  
PUT IN ORDER FROM LEAST TO GREATEST

MODE

FIND THE MODE FOR EACH SET.

13. 7, 3, 2, 4, 3, 0  
3

14. 5, 2, 4, 5, 3, 4, 5  
5

15. 14, 11, 19, 11, 15  
11

16. 4, 7, 9, 4, 4, 7, 9  
4

17. 41, 16, 26, 41, 25  
41

18. 4, 8, 0, 8, 0, 2, 8  
8

THE **RANGE** IS THE DIFFERENCE BETWEEN THE LARGEST AND SMALLEST NUMBER IN THE SET. **RANGE** = HOW FAR APART?

### HELPFUL EXAMPLE

5, 2, 8, 4, 2, 7, 6  $\Rightarrow$  2, 2, 4, 5, 6, 7, 8  
PUT IN ORDER FROM LEAST TO GREATEST

RANGE = 6

RANGE:  $8 - 2 = 6$

FIND THE RANGE FOR EACH SET.

19. 3, 7, 1, 1, 4  
6

20. 9, 3, 5, 4, 8, 10  
7

21. 13, 7, 12, 5, 11  
8

22. 7, 15, 8, 5, 9, 8, 1  
14

23. 24, 30, 16, 34, 28  
18

24. 2, 6, 0, 3, 8, 1, 4  
8