

Name \_\_\_\_\_

Enrichment

**18-7**

## Mean Scores

### Number Sense

1. Solomon has been keeping track of his scores on daily spelling tests for one week. Use his data to find Solomon's mean score.

Day	Monday	Tuesday	Wednesday	Thursday	Friday
Spelling Score	94	88	96	92	100

\_\_\_\_\_

2. Terri went to 6 movies during August. They had play lengths of 120 min, 108 min, 99 min, 105 min, 116 min, and 130 min. What was the mean play length for the movies?

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3. Janet recorded the height of the tallest buildings in Dallas. Use her data to find the mean height.

Building	Height (ft)
Bank One Center	787
Texas Commerce Plaza	738
Fountain Place	720
Trammel Crow Tower	686

\_\_\_\_\_

4. Tim recorded the lengths of the longest vehicular tunnels in North America. Use his data to find the mean length.

Tunnel	Length (ft)
Brooklyn-Battery	9,117
Holland Tunnel	8,557
Ted Williams Tunnel	8,448
Lincoln Tunnel	8,216

\_\_\_\_\_

Name \_\_\_\_\_

# Mean

Find the mean of each set of data.

1. 2, 5, 9, 4 \_\_\_\_\_
2. 44, 73, 63 \_\_\_\_\_
3. 11, 38, 65, 4, 67 \_\_\_\_\_
4. 3, 6, 3, 7, 8 \_\_\_\_\_
5. 120, 450, 630 \_\_\_\_\_
6. 4.2, 5.3, 7.1, 4.0, 11.9 \_\_\_\_\_

Gene's bowling scores were as follows: 8, 4, 10, 10, 9, 6, 9.

7. What was his average bowling score? \_\_\_\_\_
8. If Gene gets two more strikes (scores of 10), what is his new average? \_\_\_\_\_
9. **Reasoning** Krishan wants his quiz average to be at least 90 so that he can get an A in the class. His current quiz scores are: 80, 100, 85. What does he have to get on his next quiz to have an average of 90?

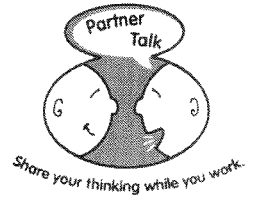
**A** 85                      **B** 90                      **C** 92                      **D** 95

10. **Explain It** Suppose Krishan's teacher says that he can drop one of his test scores. Using his test scores of 80, 100, and 85, which one should he drop, and why? What is his new average?

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# Toss and Talk



**Get Started**



Get 10 squares in one color and 10 in another color.  
Get two number cubes. Take turns with another player or team.  
Talk about math as you play!

**At Your Turn**

Toss two number cubes. Add the dots. Find your toss below.  
Follow the directions. Explain your thinking. Cover the answer.  
If the answer is taken, lose your turn. Have fun!

Toss	Use mental math or paper and a pencil. Explain how to find the mean for the data.
2	2, 5, 4, 5
3	10, 20, 30, 40, 50
4	80, 40, 10, 90, 30, 40, 20, 10
5	225, 125, 400, 600, 500, 100
6	17, 30, 45, 46, 27

7	192, 186, 177, 154
8	287, 342, 151, 129, 416
9	11, 8.3, 9.0, 3.7, 8.0
10	5, 5, 5, 5, 5, 5, 5
11	0, 3, 1, 2, 4
12	5, 4, 6, 9, 11

8.0	4	40	33
7	177.25	265	8.0
325	5	177.25	33
2	30	325	265

**How to Win**

You win if you are the first to get four connected rectangles, like:



**If you have more time**

Play again!