Practice 9-1

Finding the Mean

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Find the mean of each data set.

1. 4, 5, 7, 5, 6, 3 _____

2. 85, 91, 76, 85, 93 _____

For each set of data, identify any outliers. Then determine the effect that the outlier has on the mean.

3. 64, 65, 62, 69, 59, 23, 61, 67 _____

4. 8.1, 8.3, 7.8, 7.9, 8.4, 6.8, 8.0 _____

5. 1230, 1225, 1228, 1232, 1233, 1321, 1229, 1231 _____

Use the table for Exercises 6–8.

Name	Hourly Wage
Julia	$8.75
Ron	7.50
Miguel	25.00
Natasha	11.00
Robert	10.50

6. Whose wage is an outlier in the data set?

_____

7. Find the mean hourly wage with and without the outlier.

_____

8. What effect does the outlier have on the mean?

_____

Fill in the blanks to find the mean of each data set.

9. 4, 6, 2, 8, 5: $\dfrac{25}{\boxed{}} = \boxed{}$

10. 10, 4, 2, 12, 6, 8: $\dfrac{\boxed{}}{6} = \boxed{}$

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