

Practice 2-1

Mean

Find the mean of each data set.

- 1. 4, 5, 7, 5, 6, 3 _____
- 2. 72, 76, 73, 74, 75 _____
- 3. 85, 91, 76, 85, 93 _____
- 4. 2.1, 3.2, 1.6, 2.4 _____

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

- 5. 64, 65, 62, 69, 59, 23, 61, 67 _____
- 6. 8.1, 8.3, 7.8, 7.9, 8.4, 6.8, 8.0 _____
- 7. 1230, 1225, 1228, 1232, 1233, 1321, 1229, 1231 _____
- 8. 18.66, 18.75, 18.69, 18.67, 18.99, 18.64, 18.73 _____

Use the table for Exercises 9–11.

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

- 9. Whose wage is an outlier in the data set?

- 10. Find the mean hourly wage with and without the outlier.

- 11. What effect does the outlier have on the mean?

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

- 12. 4, 6, 2, 8, 5: $\frac{25}{\square} = \square$
- 13. 10, 4, 2, 12, 6, 8: $\frac{\square}{6} = \square$

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