



Name _____ Date _____

**Skills Maintenance****Rounding Decimal Numbers**

Unit 1

Activity 1

Round the decimal numbers to the nearest tenths place.

1. 0.25 _____
2. 0.058 _____
3. 0.519 _____

Activity 2

Round the decimal numbers to the nearest hundredths place.

1. 0.011 _____
2. 0.202 _____
3. 0.375 _____

Activity 3

Rewrite the repeating decimal numbers using the repeat sign.

Model

$$\frac{4}{11} = 0.363636363636363636$$
$$\text{Answer: } 0.\overline{36}$$

1. $\frac{5}{9} = 0.5555555555555555$ _____
2. $\frac{1}{11} = 0.0909090909090909$ _____
3. $\frac{58}{7} = 8.285714285714285$ _____
4. $\frac{35}{11} = 3.18181818181818$ _____

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Apply Skills

Adding and Subtracting Decimal Numbers

Activity 1

Add and subtract. Line up the numbers in the boxes provided. Check your answers by rounding to the nearest whole numbers.

1. $44.05 - 27.18$

Answer _____

Check Your Answer _____

2. $42.01 + 9.8 + 27.001$

Answer _____

Check Your Answer _____

3. $103.81 - 86.021$

Answer _____

Check Your Answer _____

Activity 2

Round to the nearest whole number, then add.

1. $23.7 + 14.8$ Round _____ Estimate _____

2. $45.8 - 19.7$ Round _____ Estimate _____

3. $5.8 + 2.7$ Round _____ Estimate _____

4. $128.01 - 39.17$ Round _____ Estimate _____

5. $198.7 + 229.6$ Round _____ Estimate _____

6. $729.5 - 436.89$ Round _____ Estimate _____

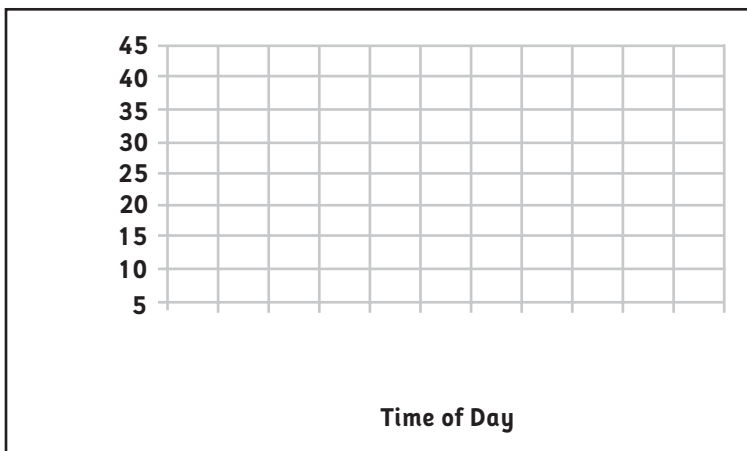


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 **Problem-Solving Activity**
Scatter Plots

The police in Jefferson County are concerned about speeding on Highway 601. They want to see if there is a pattern in the number of speeding tickets that they give out and the time of day. Plot the data from the table in the scatter plot and answer the questions.

Time of Day	Number of Speeding Tickets
7 a.m.	25
8 a.m.	24
9 a.m.	35
10 a.m.	15
11 a.m.	17
12 p.m.	40
1 p.m.	9
2 p.m.	18
3 p.m.	32
4 p.m.	17
5 p.m.	25
6 p.m.	38



Based on the data in the scatter plot, do you think there is a pattern to the speeding during the day on Highway 601? Use the points in the scatter plot to explain your thinking.

 **Reinforce Understanding**
Use the mBook *Study Guide* to review lesson concepts.