

Warm Up

- 579-345
- 400/20
- 6431-5987
- 3712/85
- 99321-91897

Chapter 5: Buying and Maintaining a Car
 Lesson 6: Average Miles Driven per Year
 Lesson 7: Number of Miles Traveled

5-6 & 5-7 VOCAB

- NONE

5.6 Average Miles Driven Per Year

- Mary bought a new car that had no miles on it. After 4 years of owning her car, her odometer reads 247834. One average, how many miles did Mary drive each year?

Note: The last digit represents the tenths place.

5.6 Average Miles Driven Per Year

Odometer	Years
1. 0303657	3
2. 0160606	2
3. 0497567	5
4. 0367558	4
5. 0124895	2
6. 1536259	12

5.6 Average Miles Driven Per Year

- What steps did we take?

5.7 Find the miles traveled.

- Jeremy is going to visit a friend. Before he starts his trip, his odometer reads 12345.6 miles. When he gets to his friend's house, it reads 12489.0 miles. How many miles did Jeremy travel?

5.7 Find the Miles Traveled

Beginning	End
1. 99375.8	00305.9
2. 10101.1	10192.6
3. 76842.3	76951.2
4. 30306.7	31765.6
5. 58410.4	61765.6
6. 24365.7	41326.5

5.7 Find the Miles Traveled

- What steps did we take?

Name _____

Date _____

Period _____

Workbook Activity

Chapter 5, Lesson 6

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Average Miles Driven per Year

EXAMPLE

Dakota's odometer reads 14,579.2 miles. His car is 3 years old. Find the average number of miles he drove per year. Round to the nearest hundred miles.

0 1 4 5 7 9 2

Step 1 Divide to the 10 miles place.

$$\begin{array}{r} 4,859. \\ 3 \overline{)14,579.2} \\ \underline{12} \\ 25 \\ \underline{24} \\ 17 \\ \underline{15} \end{array}$$

Step 2 Round off to the 100 miles place.

4,900 miles

Dakota drove an average of 4,900 miles per year.

Directions Find the average number of miles driven per year for each car. Round your answer to the nearest hundred miles.

	Odometer Reading	Age of Car in Years	Average Number of Miles
1.	0 0 2 7 5 8 0	2	_____
2.	0 0 8 5 7 3 7	4	_____
3.	0 8 7 5 6 2 3	9	_____
4.	0 2 6 7 3 0 3	2	_____
5.	1 3 2 5 7 3 8	9	_____
6.	0 0 9 5 3 1 5	5	_____
7.	0 4 6 2 0 4 7	3	_____
8.	0 9 3 4 5 6 2	6	_____
9.	0 3 4 5 7 3 1	4	_____
10.	1 2 3 4 5 8 0	12	_____
11.	1 0 0 3 5 2 6	10	_____
12.	0 5 3 5 1 1 7	8	_____
13.	0 9 8 7 6 2 4	8	_____
14.	0 1 9 6 2 7 0	3	_____
15.	0 4 6 2 8 7 1	5	_____
16.	0 0 0 7 2 6 0	1	_____



Name _____

Date _____

Period _____

Workbook Activity

Chapter 5, Lesson 7

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Number of Miles Traveled

EXAMPLE

Samuel's odometer reads 456187.5 at the beginning of a trip. At the end, it reads 459733.2. How far did Samuel travel to the nearest mile?

To find the distance, subtract the beginning reading from the ending reading.

$$\begin{array}{r} 459,733.2 \\ - 456,187.5 \\ \hline 3,545.7 \end{array}$$

Samuel traveled 3,546 miles.

Directions Find the number of miles traveled. Round to the nearest mile.

	Beginning	End	Miles Traveled
1.	004561.9	004783.9	_____
2.	194766.2	195351.6	_____
3.	022945.5	023010.3	_____
4.	010304.0	010728.2	_____
5.	115678.5	116283.4	_____
6.	109357.7	109499.6	_____
7.	034811.9	035168.8	_____
8.	044122.6	046587.3	_____
9.	000347.2	001173.8	_____
10.	045821.5	045911.6	_____
11.	100682.6	101773.2	_____
12.	029613.7	030010.5	_____
13.	075329.4	075987.7	_____
14.	004729.6	013844.4	_____
15.	039559.8	040688.0	_____
16.	107603.4	108933.2	_____
17.	110110.0	120095.7	_____
18.	003526.5	003822.8	_____
19.	035583.2	039533.5	_____
20.	118395.3	120554.7	_____

