

Multiplication

Pre-Check: show what you know.

Score _____ / 6

1. Multiply.

$$6 \times 800 = \underline{\hspace{2cm}}$$

$$5 \times 8,000 = \underline{\hspace{2cm}}$$

$$40 \times 60 = \underline{\hspace{2cm}}$$

$$27 \times 100 = \underline{\hspace{2cm}}$$

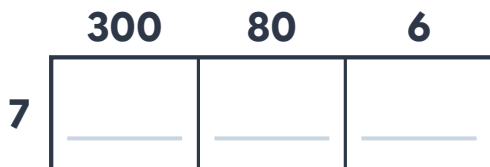
2. Round each number to its greatest place.

68 rounds to _____

451 rounds to _____

3,729 rounds to _____

3. Fill in the area model. Then multiply.



$$386 \times 7 = \underline{\hspace{2cm}}$$

4. Add.

	1	6	8	4	0
+		2	9	5	7

	7	3	8	5	
+	4	1	2	6	0

5. Multiply with the standard algorithm.

		3	4	7	6
×					8

6. A parking garage has 14 floors. Each floor has 36 parking spaces. How many parking spaces are there?

_____ spaces

Multiplication

Pre-Check: show what you know.

Score _____ / 6

1. Multiply.

$$6 \times 800 = \underline{4,800}$$

$$5 \times 8,000 = \underline{40,000}$$

$$40 \times 60 = \underline{2,400}$$

$$27 \times 100 = \underline{2,700}$$

Lesson 3.1 · Multiply by multiples of 10, 100 and 1,000

2. Round each number to its greatest place.

$$68 \text{ rounds to } \underline{70}$$

$$451 \text{ rounds to } \underline{500}$$

$$3,729 \text{ rounds to } \underline{4,000}$$

Lesson 3.2 · Estimate products

3. Fill in the area model. Then multiply.

	300	80	6
7	<u>2,100</u>	<u>560</u>	<u>42</u>

$$386 \times 7 = \underline{2,702}$$

Lesson 3.3 · 2-digit times 2-digit

4. Add.

	1	6	8	4	0
+		2	9	5	7
	1	9	7	9	7

	7	3	8	5	
+	4	1	2	6	0
	4	8	6	4	5

Lesson 3.4 · 3- and 4-digit times 2-digit

5. Multiply with the standard algorithm.

		3	6	4	
	3	4	7	6	
×					8
	2	7	8	0	8

Lesson 3.5 · The standard algorithm

6. A parking garage has 14 floors. Each floor has 36 parking spaces. How many parking spaces are there?

$$14 \times 36 = 504$$

504 spaces

Lesson 3.7 · Multiplication stories