

Name: Class:

Multiply whole numbers : Word problems

1. A mechanical engineer used **\$9,650** to manufacture a car. How much will it cost him to manufacture **63 cars**?
2. A famous bakery in our city produces **6,348 cakes** per day.
 - A. How many cakes will the bakery produce in a week ?
 - B. How many cakes will the bakery produce during 3 months of 31 days ?
3. A bus company has 65 buses. If each bus carries 70 passengers, how many passengers does the company records provided all the buses travel every day with full load?
4. Mr. Davis tracked how many miles he drove for the past 2 weeks. He estimated that he usually drives 725 miles per day. How many miles did he drive in all?
5. During Halloween, a candy store sold 92,563 candies. If the cost of each candy is \$5, how much money did the store make in all?
6. A game gives a player 175 bonus points each time they hit a diamond. How many bonus points will the player get if he hits 86 diamonds?
7. For her daughter's home coming, Mrs Davis made 53 vanilla cupcakes, 26 red velvet cupcakes, and 79 chocolate cupcakes. During the birthday, she charged \$7 for each cupcake. Weird right? How much money did she get for all the cupcakes?

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1. A mechanical engineer used **\$9,650** to manufacture a car. How much will it cost him to manufacture **63 cars**?

▶ Cost of a car = **\$9,650**

▶ Number of cars manufactured = **63**

▶ The cost of 63 cars is **\$607,950**

Multiplication

	9	6	5	0
	<u>3</u>	<u>3</u>		
x			6	3
	1	2	8	9
	5	7	9	0
+				
	6	0	7	9

2. A. $6,348 \times 7 = 44,436$

B. $6,348 \times 93 = 590,364$

3. $65 \times 70 = 4,550$

4. $725 \times 14 = 10,150$

5. $92,563 \times 5 = 462,815$

6. $175 \times 86 = 15,050$

7. $158 \times 7 = 1,106$