

MasterMath

Multiplying Decimals

Name _____
Date _____

1. Estimate the Product - **IF YOUR ANSWER IS CLOSE YOU ARE RIGHT!**

	Rounded	Estimate
3×2.67	3×2.5	7.5
1.45×3.65	1.5×3.5	5.25
2.89×3.2	3×3	9
6.75×3.25	7×3	21
4.4×3.8	4.5×4	18
5.666×3	5.5×3	16.5

	Rounded	Estimate
4.8526×3	5×3	15
2.76×3.26	3×3	9
5.9×6.9	6×7	42
9.999×2	10×2	20
15.3×2.9	15×3	45
8×3.789	8×4	32

2. Multiply and find product. Estimate to check your answer.

	Answer	Estimate
3.2×4.5	14.4	3×5
3.67×2.45	8.99	4×2.5
9.6×5	48	10×5
8.23×5.76	47.4	8×6
9.8×7.4	72.52	10×7.5

	Answer	Estimate
3.2×5.45	17.44	3×6
5.778×4.2	24.27	6×4
16.3×2.8	45.64	16×3
6.32×5.23	33.05	6×5
7.6×9.2	69.92	9×8

3. The bulk candy store sells lemon drops for \$4.89 per pound. You want 3.5 lbs. How much will it cost you?

17.12

4. Chicago has a population of 2.7 million people. New York City is 3.03 times more populous. What is the population of New York City?

8.18

- 5.

You use 38 buckets of dirt to fill a hole. Each bucket weighs 6.75 lbs. Estimate how many pounds of dirt you used to fill the hole. Is your estimate too little or too much?

40x7

Estimate	Too Little or Too Much
280	too much

6. You are driving to visit friends in Topeka. Your Dad says you'll be there in 3.5 hours, and that you'll be averaging 55 miles per hour. How many more miles do you have to go?

192.5

7. One gallon equals approximately 3.785 liters. 4.5 gallons equals approximately how many liters?

17.03

8. One liter equals approximately 0.264 gallons. 25 liters equals approximately how many gallons?

6.6