Name: _____ Date: _____

Multiplying Decimals

Grade 5 | Multiplying a decimal by a decimal (tenths and hundredths) | Version 5 of 10

Multiply. Count the decimal places in both factors to place the decimal point in the product. Problems 1-8: tenths × tenths. Problems 9-20: hundredths × tenths and tenths × hundredths.

1. 4.2 × 0.5 =	2. 8.5 × 0.4 =	3. 1.2 × 0.5 =	4. 4.9 × 0.9 =
5. 4.8 × 0.4 =	6. 2.9 × 0.4 =	7. 3.5 × 0.9 =	8. 8.7 × 0.4 =
9. 1.39 × 4.5 =	10. 8.88 × 2.3 =	11. 8.96 × 4.9 =	12. 8.16 × 5.8 =
13. 3.62 × 5.4 =	14. 6.51 × 2.5 =	15. 4.14 × 3.5 =	16. 6.09 × 3.4 =
17. 4.1 × 0.11 =	18. 4.2 × 0.22 =	19. 4.3 × 0.73 =	20. 3.3 × 0.38 =

Multiplying Decimals - ANSWER KEY

Grade 5 | Multiplying a decimal by a decimal (tenths and hundredths) | Version 5 of 10

Multiply. Count the decimal places in both factors to place the decimal point in the product. Problems 1-8: tenths × tenths. Problems 9-20: hundredths × tenths and tenths × hundredths.

1. 4.2 × 0.5 = **2.1**

2. 8.5 × 0.4 = **3.4**

3. 1.2 × 0.5 = **0.6**

4. 4.9 × 0.9 = **4.41**

5. 4.8 × 0.4 = **1.92**

6. 2.9 × 0.4 = **1.16**

7. 3.5 × 0.9 = **3.15**

8. 8.7 × 0.4 = **3.48**

9. 1.39 × 4.5 = **6.255**

10. 8.88 × 2.3 = **20.424**

11. 8.96 × 4.9 = **43.904**

12. 8.16 × 5.8 = **47.328**

13. 3.62 × 5.4 = **19.548**

14. 6.51 × 2.5 = **16.275**

15. 4.14 × 3.5 = **14.49**

16. 6.09 × 3.4 = **20.706**

17. 4.1 × 0.11 = **0.451**

18. 4.2 × 0.22 = **0.924**

19. 4.3 × 0.73 = **3.139**

20. 3.3 × 0.38 = **1.254**