Name: _____ Date: _____

Multiplying Decimals

Grade 5 | Multiplying a decimal by a decimal (tenths and hundredths) | Version 6 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. 4.7 × 0.6	2. 1.4 × 0.2	3. 5.3 × 0.3	4. 8.9 × 0.8
5. 2.1 × 0.2	6. 1.6 × 0.6	7. 8.1 × 0.3	8. 2.7 × 0.2
9. 5.32 × 3.5	10. 3.75 × 3.5	11. 3.39 × 4.4	12. 8.72 × 1.9
13. 8.59 × 3.2	14. 8.28 × 2.2	15. 2.95 × 5.8	16. 4.19 × 3.2
17. 1.2 × 0.17	18. 6.6 × 0.95	19. 8.4 × 0.28	20. 6.9 × 0.27

Multiplying Decimals - ANSWER KEY

Grade 5 | Multiplying a decimal by a decimal (tenths and hundredths) | Version 6 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. 4.7 × 0.6 = **2.82**

2. 1.4 × 0.2 = **0.28**

3. 5.3 × 0.3 = **1.59**

4. 8.9 × 0.8 = **7.12**

5. 2.1 × 0.2 = **0.42**

6. 1.6 × 0.6 = **0.96**

7. 8.1 × 0.3 = **2.43**

8. 2.7 × 0.2 = **0.54**

9. 5.32 × 3.5 = **18.62**

10. 3.75 × 3.5 = **13.125**

11. 3.39 × 4.4 = **14.916**

12. 8.72 × 1.9 = **16.568**

13. 8.59 × 3.2 = **27.488**

14. 8.28 × 2.2 = **18.216**

15. 2.95 × 5.8 = **17.11**

16. 4.19 × 3.2 = **13.408**

17. 1.2 × 0.17 = **0.204**

18. 6.6 × 0.95 = **6.27**

19. 8.4 × 0.28 = **2.352**

20. 6.9 × 0.27 = **1.863**