Name: _____ Date: _____

Multiplying Decimals

Grade 5 | Multiplying a decimal by a decimal (tenths and hundredths) | Version 1 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. 7.7 × 0.5 =	2. 7.6 × 0.4 =	3. 7.8 × 0.6 =	4. 9.3 × 0.8 =
5. 9.6 × 0.2 =	6. 6.5 × 0.8 =	7. 6.9 × 0.5 =	8. 1.5 × 0.9 =
9. 5.41 × 5.1 =	10. 6.27 × 1.5 =	11. 9.17 × 1.8 =	12. 2.27 × 3.4 =
13. 5.27 × 4.9 =	14. 6.95 × 1.1 =	15. 6.65 × 3.9 =	16. 7.43 × 5.1 =
17. 1.5 × 0.62 =	18. 2.6 × 0.58 =	19. 5.4 × 0.45 =	20. 5.2 × 0.37 =

Name: _____ Date: _____

Multiplying Decimals

Grade 5 | Multiplying a decimal by a decimal (tenths and hundredths) | Version 2 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. 3.4 × 0.4 =	2. 9.6 × 0.4 =	3. 3.6 × 0.2 =	4. 1.6 × 0.8 =
5. 2.4 × 0.5 =	6. 4.3 × 0.9 =	7. 9.7 × 0.6 =	8. 4.3 × 0.7 =
9. 6.84 × 2.7 =	10. 5.27 × 4.2 =	11. 1.27 × 2.3 =	12. 6.99 × 5.6 =
13. 9.73 × 2.3 =	14. 4.62 × 1.4 =	15. 6.42 × 2.8 =	16. 5.99 × 5.3 =
17. 6.6 × 0.14 =	18. 1.2 × 0.68 =	19. 5.1 × 0.92 =	20. 5.2 × 0.35 =

Name: _____ Date: _____

Multiplying Decimals

Grade 5 | Multiplying a decimal by a decimal (tenths and hundredths) | Version 3 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. 6.1 × 0.8 = _____
2. 6.2 × 0.9 = _____
3. 3.5 × 0.2 = _____
4. 4.9 × 0.5 = _____
5. 3.4 × 0.6 = _____
6. 3.1 × 0.5 = _____
7. 1.5 × 0.7 = _____
8. 7.9 × 0.8 = _____
9. 7.82 × 1.9 = _____
10. 1.62 × 3.1 = _____
11. 3.36 × 1.9 = _____
12. 4.42 × 2.9 = _____
13. 3.43 × 4.6 = _____
14. 3.52 × 5.7 = _____
15. 2.91 × 1.9 = _____
16. 5.27 × 3.4 = _____
17. 3.4 × 0.31 = _____
18. 7.8 × 0.89 = _____
19. 5.5 × 0.56 = _____
20. 8.4 × 0.85 = _____

Name: _____ Date: _____

Multiplying Decimals

Grade 5 | Multiplying a decimal by a decimal (tenths and hundredths) | Version 4 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. 5.6 × 0.4 = _____
2. 9.4 × 0.3 = _____
3. 5.2 × 0.6 = _____
4. 4.9 × 0.2 = _____
5. 9.2 × 0.4 = _____
6. 9.9 × 0.3 = _____
7. 2.7 × 0.6 = _____
8. 7.2 × 0.5 = _____
9. 9.67 × 1.8 = _____
10. 4.93 × 4.6 = _____
11. 6.47 × 3.6 = _____
12. 8.28 × 5.5 = _____
13. 2.41 × 4.3 = _____
14. 5.41 × 2.4 = _____
15. 2.93 × 4.2 = _____
16. 1.88 × 5.9 = _____
17. 3.4 × 0.69 = _____
18. 6.1 × 0.43 = _____
19. 7.7 × 0.32 = _____
20. 6.2 × 0.74 = _____

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 =

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

Name: _____ Date: _____

Multiplying Decimals

Grade 5 | Multiplying a decimal by a decimal (tenths and hundredths) | Version 7 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. 8.2 × 0.6 =	2. 7.2 × 0.6 =	3. 2.2 × 0.2 =	4. 8.8 × 0.4 =
5. 4.6 × 0.6 =	6. 2.2 × 0.8 =	7. 6.7 × 0.4 =	8. 4.5 × 0.4 =
9. 5.76 × 2.7 =	10. 4.12 × 2.1 =	11. 8.11 × 1.2 =	12. 5.74 × 1.5 =
13. 9.41 × 2.9 =	14. 3.95 × 2.8 =	15. 1.06 × 4.4 =	16. 6.99 × 5.8 =
17. 1.2 × 0.74 =	18. 2.4 × 0.41 =	19. 6.4 × 0.42 =	20. 8.2 × 0.14 =

Name: _____ Date: _____

Multiplying Decimals

Grade 5 | Multiplying a decimal by a decimal (tenths and hundredths) | Version 8 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. 4.4 × 0.6 = _____
2. 1.1 × 0.4 = _____
3. 7.4 × 0.7 = _____
4. 2.2 × 0.7 = _____
5. 3.4 × 0.5 = _____
6. 7.3 × 0.5 = _____
7. 7.3 × 0.2 = _____
8. 7.7 × 0.2 = _____
9. 5.67 × 1.6 = _____
10. 7.02 × 5.4 = _____
11. 9.11 × 5.7 = _____
12. 3.17 × 1.7 = _____
13. 2.16 × 5.5 = _____
14. 2.33 × 5.4 = _____
15. 5.04 × 2.7 = _____
16. 7.63 × 5.3 = _____
17. 1.2 × 0.73 = _____
18. 5.4 × 0.54 = _____
19. 4.5 × 0.81 = _____
20. 1.6 × 0.23 = _____

Name: _____ Date: _____

Multiplying Decimals

Grade 5 | Multiplying a decimal by a decimal (tenths and hundredths) | Version 9 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. 9.3 × 0.6 = _____
2. 7.8 × 0.5 = _____
3. 1.4 × 0.9 = _____
4. 6.4 × 0.5 = _____
5. 8.6 × 0.2 = _____
6. 8.3 × 0.8 = _____
7. 1.8 × 0.6 = _____
8. 1.2 × 0.8 = _____
9. 1.98 × 1.5 = _____
10. 9.56 × 1.5 = _____
11. 9.02 × 4.5 = _____
12. 3.09 × 5.3 = _____
13. 5.36 × 2.2 = _____
14. 3.95 × 3.3 = _____
15. 2.04 × 2.8 = _____
16. 4.33 × 1.5 = _____
17. 7.7 × 0.38 = _____
18. 3.5 × 0.19 = _____
19. 6.1 × 0.67 = _____
20. 1.6 × 0.28 = _____

Name: _____ Date: _____

Multiplying Decimals

Grade 5 | Multiplying a decimal by a decimal (tenths and hundredths) | Version 10 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. 1.6 × 0.5 = _____
2. 7.9 × 0.9 = _____
3. 3.7 × 0.9 = _____
4. 2.4 × 0.7 = _____
5. 5.3 × 0.5 = _____
6. 2.3 × 0.4 = _____
7. 5.7 × 0.5 = _____
8. 4.6 × 0.8 = _____
9. 1.97 × 4.1 = _____
10. 1.48 × 2.2 = _____
11. 1.74 × 2.1 = _____
12. 3.95 × 5.1 = _____
13. 3.22 × 1.8 = _____
14. 3.51 × 5.6 = _____
15. 5.26 × 5.2 = _____
16. 1.17 × 4.8 = _____
17. 3.1 × 0.61 = _____
18. 1.7 × 0.11 = _____
19. 4.2 × 0.74 = _____
20. 3.2 × 0.42 = _____