Multiplying Decimals - ANSWER KEY

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 = **3.85**
2. 7.6 × 0.4 = **3.04**
3. 7.8 × 0.6 = **4.68**
4. 9.3 × 0.8 = **7.44**
5. 9.6 × 0.2 = **1.92**
6. 6.5 × 0.8 = **5.2**
7. 6.9 × 0.5 = **3.45**
8. 1.5 × 0.9 = **1.35**
9. 5.41 × 5.1 = **27.591**
10. 6.27 × 1.5 = **9.405**
11. 9.17 × 1.8 = **16.506**
12. 2.27 × 3.4 = **7.718**
13. 5.27 × 4.9 = **25.823**
14. 6.95 × 1.1 = **7.645**
15. 6.65 × 3.9 = **25.935**
16. 7.43 × 5.1 = **37.893**
17. 1.5 × 0.62 = **0.93**
18. 2.6 × 0.58 = **1.508**
19. 5.4 × 0.45 = **2.43**
20. 5.2 × 0.37 = **1.924**

Multiplying Decimals - ANSWER KEY

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 = **1.36**

2. 9.6 × 0.4 = **3.84**

3. 3.6 × 0.2 = **0.72**

4. 1.6 × 0.8 = **1.28**

5. 2.4 × 0.5 = **1.2**

6. 4.3 × 0.9 = **3.87**

7. 9.7 × 0.6 = **5.82**

8. 4.3 × 0.7 = **3.01**

9. 6.84 × 2.7 = **18.468**

10. 5.27 × 4.2 = **22.134**

11. 1.27 × 2.3 = **2.921**

12. 6.99 × 5.6 = **39.144**

13. 9.73 × 2.3 = **22.379**

14. 4.62 × 1.4 = **6.468**

15. 6.42 × 2.8 = **17.976**

16. 5.99 × 5.3 = **31.747**

17. 6.6 × 0.14 = **0.924**

18. 1.2 × 0.68 = **0.816**

19. 5.1 × 0.92 = **4.692**

20. 5.2 × 0.35 = **1.82**

Multiplying Decimals - ANSWER KEY

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 = **4.88**
2. 6.2 × 0.9 = **5.58**
3. 3.5 × 0.2 = **0.7**
4. 4.9 × 0.5 = **2.45**
5. 3.4 × 0.6 = **2.04**
6. 3.1 × 0.5 = **1.55**
7. 1.5 × 0.7 = **1.05**
8. 7.9 × 0.8 = **6.32**
9. 7.82 × 1.9 = **14.858**
10. 1.62 × 3.1 = **5.022**
11. 3.36 × 1.9 = **6.384**
12. 4.42 × 2.9 = **12.818**
13. 3.43 × 4.6 = **15.778**
14. 3.52 × 5.7 = **20.064**
15. 2.91 × 1.9 = **5.529**
16. 5.27 × 3.4 = **17.918**
17. 3.4 × 0.31 = **1.054**
18. 7.8 × 0.89 = **6.942**
19. 5.5 × 0.56 = **3.08**
20. 8.4 × 0.85 = **7.14**

Multiplying Decimals - ANSWER KEY

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 = **2.24**
2. 9.4 × 0.3 = **2.82**
3. 5.2 × 0.6 = **3.12**
4. 4.9 × 0.2 = **0.98**
5. 9.2 × 0.4 = **3.68**
6. 9.9 × 0.3 = **2.97**
7. 2.7 × 0.6 = **1.62**
8. 7.2 × 0.5 = **3.6**
9. 9.67 × 1.8 = **17.406**
10. 4.93 × 4.6 = **22.678**
11. 6.47 × 3.6 = **23.292**
12. 8.28 × 5.5 = **45.54**
13. 2.41 × 4.3 = **10.363**
14. 5.41 × 2.4 = **12.984**
15. 2.93 × 4.2 = **12.306**
16. 1.88 × 5.9 = **11.092**
17. 3.4 × 0.69 = **2.346**
18. 6.1 × 0.43 = **2.623**
19. 7.7 × 0.32 = **2.464**
20. 6.2 × 0.74 = **4.588**

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**

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**

Multiplying Decimals - ANSWER KEY

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 = **4.92**

2. 7.2 × 0.6 = **4.32**

3. 2.2 × 0.2 = **0.44**

4. 8.8 × 0.4 = **3.52**

5. 4.6 × 0.6 = **2.76**

6. 2.2 × 0.8 = **1.76**

7. 6.7 × 0.4 = **2.68**

8. 4.5 × 0.4 = **1.8**

9. 5.76 × 2.7 = **15.552**

10. 4.12 × 2.1 = **8.652**

11. 8.11 × 1.2 = **9.732**

12. 5.74 × 1.5 = **8.61**

13. 9.41 × 2.9 = **27.289**

14. 3.95 × 2.8 = **11.06**

15. 1.06 × 4.4 = **4.664**

16. 6.99 × 5.8 = **40.542**

17. 1.2 × 0.74 = **0.888**

18. 2.4 × 0.41 = **0.984**

19. 6.4 × 0.42 = **2.688**

20. 8.2 × 0.14 = **1.148**

Multiplying Decimals - ANSWER KEY

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 = **2.64**
2. 1.1 × 0.4 = **0.44**
3. 7.4 × 0.7 = **5.18**
4. 2.2 × 0.7 = **1.54**
5. 3.4 × 0.5 = **1.7**
6. 7.3 × 0.5 = **3.65**
7. 7.3 × 0.2 = **1.46**
8. 7.7 × 0.2 = **1.54**
9. 5.67 × 1.6 = **9.072**
10. 7.02 × 5.4 = **37.908**
11. 9.11 × 5.7 = **51.927**
12. 3.17 × 1.7 = **5.389**
13. 2.16 × 5.5 = **11.88**
14. 2.33 × 5.4 = **12.582**
15. 5.04 × 2.7 = **13.608**
16. 7.63 × 5.3 = **40.439**
17. 1.2 × 0.73 = **0.876**
18. 5.4 × 0.54 = **2.916**
19. 4.5 × 0.81 = **3.645**
20. 1.6 × 0.23 = **0.368**

Multiplying Decimals - ANSWER KEY

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 = **5.58**
2. 7.8 × 0.5 = **3.9**
3. 1.4 × 0.9 = **1.26**
4. 6.4 × 0.5 = **3.2**
5. 8.6 × 0.2 = **1.72**
6. 8.3 × 0.8 = **6.64**
7. 1.8 × 0.6 = **1.08**
8. 1.2 × 0.8 = **0.96**
9. 1.98 × 1.5 = **2.97**
10. 9.56 × 1.5 = **14.34**
11. 9.02 × 4.5 = **40.59**
12. 3.09 × 5.3 = **16.377**
13. 5.36 × 2.2 = **11.792**
14. 3.95 × 3.3 = **13.035**
15. 2.04 × 2.8 = **5.712**
16. 4.33 × 1.5 = **6.495**
17. 7.7 × 0.38 = **2.926**
18. 3.5 × 0.19 = **0.665**
19. 6.1 × 0.67 = **4.087**
20. 1.6 × 0.28 = **0.448**

Multiplying Decimals - ANSWER KEY

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 = **0.8**
2. 7.9 × 0.9 = **7.11**
3. 3.7 × 0.9 = **3.33**
4. 2.4 × 0.7 = **1.68**
5. 5.3 × 0.5 = **2.65**
6. 2.3 × 0.4 = **0.92**
7. 5.7 × 0.5 = **2.85**
8. 4.6 × 0.8 = **3.68**
9. 1.97 × 4.1 = **8.077**
10. 1.48 × 2.2 = **3.256**
11. 1.74 × 2.1 = **3.654**
12. 3.95 × 5.1 = **20.145**
13. 3.22 × 1.8 = **5.796**
14. 3.51 × 5.6 = **19.656**
15. 5.26 × 5.2 = **27.352**
16. 1.17 × 4.8 = **5.616**
17. 3.1 × 0.61 = **1.891**
18. 1.7 × 0.11 = **0.187**
19. 4.2 × 0.74 = **3.108**
20. 3.2 × 0.42 = **1.344**