6 Practice • • • • • • • • • • • • • • • Multiplying Decimals

Directions: Multiply the decimals by whole numbers.

1. 9 x .3 = _____
2. 4 x .035 = _____
3. 482 x .009 = _____
4. 45.63 x 40 = _____
5. 634 x 6.5 = _____
6. .75 x 8 = _____
7. 50.3 x 3 = _____
8. 2.125 x 5 = _____
9. .814 x 2 = _____
10. 15.94 x 2 = _____

Directions: Multiply the decimals by decimals.

11. .08 x .7 = _____
12. .234 x .03 = _____
13. .14 x .6 = _____
14. 73.6 x 8.14 = _____
15. 43.65 x 3.7 = _____
16. 4.26 x .508 = _____
17. 1.23 x 45.6 = _____
18. 29.7 x 1.64 = _____
19. 19.04 x .4 = _____
20. .802 x .23 = _____

Directions: Multiply the decimals by 10, 100, and 1000.

21. .180 x 10 = _____
22. .53 x 100 = _____
23. .145 x 1000 = _____
24. .00091 x 100 = _____
25. 11.234 x 10 = _____
26. .00922 x 100 = _____
27. 52.475 x 10 = _____
28. 893.155 x 1000 = _____
29. .00023 x 1000 = _____
30. 167.945 x 10 = _____

6 Practice • • • • • • • • • • • • • • • Multiplying Decimals

Keys to Multiplying Decimals

- Line up the numbers. You don't need to line up the decimal points, however.
- Multiply the numbers as you would multiply whole numbers.
- Count the number of decimal places in both numbers that are being multiplied. Make sure the decimal places in the product equal the number of decimal places in the problem.

Directions: Multiply to solve each problem.

1. $46.98 × 2

2. $1.49 × 3

3. $21.06 × 5

4. $9.99 × 7

5. $1.57 × 34

6. $105.13 × 4

7. $45.03 × 13

8. $17.10 × 15

9. 0.84 × 3.15

10. 2.08 × 0.9

11. 0.28 × 9.51

12. 0.0076 × 0.30

13. $10.50 × 0.60

14. 47.8 × 0.1

15. 14.2 × 9.7

16. $5.75 × 0.24

17. $5.58 × 1.5

18. 0.14 × 0.87

