

Practice 1-8

Multiplying Decimals

Place the decimal point in each product.

1. $4.3 \times 2.9 = 1247$

2. $0.279 \times 53 = 14787$

3. $4.09 \times 3.96 = 161964$

4. $5.90 \times 6.3 = 3717$

5. $0.74 \times 83 = 6142$

6. $2.06 \times 15.9 = 32754$

Find each product.

7. 43.59×0.1

8. 246×0.01

9.
$$\begin{array}{r} 5.342 \\ \times 13 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 0.19 \\ \times 0.05 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 240 \\ \times 0.02 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 43.79 \\ \times 42 \\ \hline \end{array}$$

Write a multiplication statement you could use for each situation.

13. A pen costs \$.59. How much would a dozen pens cost?

14. A mint costs \$.02. How much would a roll of 10 mints cost?

15. An orange costs \$.09. How much would 2 dozen oranges cost?

Find each product. Tell whether you would use mental math, paper and pencil, or a calculator.

16. $19(0.35)$

17. 30×0.1

18. 22.62×1.08

Puzzle 1-9

Dividing Decimals

Find each quotient. The code at the bottom reveals the institution that awards the Pulitzer Prize.

1. $22.88 \div 4.4 =$
2. $117.92 \div 13.4 =$
3. $49.68 \div 9.2 =$
4. $43.68 \div 7.8 =$
5. $79.31 \div 10.3 =$
6. $43.12 \div 8.8 =$
7. $49.28 \div 8.8 =$
8. $31.62 \div 3.4 =$
9. $66.96 \div 9.3 =$
10. $14.06 \div 7.4 =$
11. $28.38 \div 6.6 =$
12. $43.68 \div 7.8 =$
13. $92.95 \div 14.3 =$
14. $66.88 \div 8.8 =$
15. $86.52 \div 10.3 =$
16. $40.05 \div 8.9 =$
17. $39.13 \div 9.1 =$
18. $48.99 \div 6.9 =$

- O. 8.4
- A. 1.9
- Y. 6.5
- M. 7.2
- N. 8.8
- R. 4.5
- S. 4.9
- U. 4.3
- L. 5.4
- V. 7.1
- T. 7.7
- B. 5.2
- C. 9.3
- E. 7.6
- I. 5.6

8 15 3 11 9 1 4 10 17 2 12 18 14 16 6 7 5 13

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