

Multiply Decimals

Multiply $0.4 \times 0.7 = n$.

Step 1: Multiply. Ignore the decimal points for now.

$$\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$$

Step 2: Place the decimal point in the product so that the product has the same number of decimal places as the total number of places in the factors.

$0.4 \rightarrow$	1 decimal place	4 tenths
$\times 0.7 \rightarrow$	1 decimal place	\times 7 tenths
$0.28 \rightarrow$	2 decimal places	28 hundredths

Find each product.

1. 5×0.45

2. 8×0.93

3. 7×0.44

4. 0.4×0.9

5. 0.2×0.8

6. 0.9×0.9

7. 0.5×0.49

8. 0.3×0.59

9. 0.45×0.8

10. 0.5×0.88

11. 8.3×1.5

12. 4.2×4.8

13. 4.23×2.8

14. 8.79×1.2

15. 0.17×0.6

16. 0.56×0.8
