

Multiplying and Dividing with Decimals Homework

Work out the answer to each question, showing all your working out.

1.

a. 3×0.2

b. 0.4×6

c. 5×0.3

d. 7×0.06

e. 7×0.12

f. 9×4.1

2.

a. 1.2×0.4

b. 0.7×0.3

c. 1.1×1.2

d. 5.2×3.6

e. 1.6×3.1

f. 4.7×2.53

3.

a. $7.5 \div 3$

b. $38.8 \div 4$

c. $33.67 \div 7$

d. $9.155 \div 5$

e. $81.24 \div 5$

4.

a. $8 \div 0.5$

b. $35 \div 0.5$

c. $15 \div 0.2$

d. $10.08 \div 0.4$




e. $144.69 \div 0.3$

f. $160.125 \div 0.15$

Challenge

Given that $368 \times 51 = 18\,768$, work out:

- 3680×510
- 3.68×0.51
- 0.368×510
- $1876.8 \div 510$

WWW	Multiplying and Dividing with Decimals			
1	Multiplying an integer by a decimal.			
2	Multiplying a decimal by a decimal.			
3	Dividing a decimal by an integer.			
4	Dividing a decimal by a decimal.			
Challenge	Using place value to complete calculations.			
EBI				
MRI				

Answers

1.

- a. 0.6
- b. 2.4
- c. 1.5
- d. 0.42
- e. 0.84
- f. 36.9

2.

- a. 0.48
- b. 0.21
- c. 1.32
- d. 18.72
- e. 4.96
- f. 11.891

3.

- a. 2.5
- b. 9.7
- c. 4.81
- d. 1.831
- e. 16.248

4.

- a. 16
- b. 70
- c. 75
- d. 25.2
- e. 482.3
- f. 1067.5

Challenge

- a. 1 876 800
- b. 1.8768
- c. 187.68
- d. 3.68