

Name: _____

Year: _____

Date: _____



Multiplying Decimals

ANSWERS



Section A Answer these questions as quickly as you can.

0.6×10

6

$91 \div 10$

9.1

40.8×10

408

$875 \div 10$

87.5

Section B Use the integer multiplication to find the answer to the multiplication by a decimal.

$$\begin{array}{r} 1) \quad 27 \\ \times \quad 3 \\ \hline 81 \end{array}$$

$$\begin{array}{r} 2) \quad 84 \\ \times \quad 5 \\ \hline 420 \end{array}$$

$$\begin{array}{r} 3) \quad 62 \\ \times \quad 9 \\ \hline 558 \end{array}$$

$$\begin{array}{r} 4) \quad 108 \\ \times \quad 6 \\ \hline 648 \end{array}$$

$$\begin{array}{r} 5) \quad 639 \\ \times \quad 8 \\ \hline 5112 \end{array}$$

6) $2.7 \times 3 =$ 8.1 7) $8.4 \times 5 =$ 42 8) $62 \times 0.9 =$ 55.8 9) $108 \times 0.6 =$ 64.8 10) $63.9 \times 8 =$ 511.2

Section C

1) $3 \times 0.4 =$ 1.2 5) $4 \times 1.9 =$ 7.6 9) $7 \times 16.2 =$ 113.4

2) $9 \times 0.7 =$ 6.3 6) $5 \times 2.7 =$ 13.5 10) $13.9 \times 8 =$ 111.2

3) $8 \times 0.2 =$ 1.6 7) $6 \times 3.8 =$ 22.8 11) $4 \times 57.4 =$ 229.6

4) $0.6 \times 4 =$ 2.4 8) $9.3 \times 2 =$ 18.6 12) $36.4 \times 7 =$ 254.8

Section D

1) Daniel wants to lose 1.2 kg each week before his competition. His competition is in 9 weeks. How much weight does Daniel want to lose in total?

10.8 kg

2) Anita has £1.55. She wants to buy 6 apples which cost £0.30 each.

a. Does she have enough money? **No, she needs £1.80.**

b. How much more money does she need to buy 10 apples? **£1.45**