

## Multiplying and Dividing Decimals

Work out

a)  $6 \times 0.2$

b)  $0.2 \times 0.3$

c)  $0.4 \times 7$

d)  $0.2 \times 0.8$

e)  $0.03 \times 0.9$

f)  $1.5 \times 0.2$

A box contains 7 books, each weighing 2.5 kg.

Work out the total weight of the box.

Work out

a)  $3.6 \div 0.4$

b)  $0.8 \div 0.2$

c)  $2.4 \div 0.4$

d)  $0.56 \div 0.08$

e)  $5.5 \div 0.05$

f)  $8.1 \div 0.09$

John takes boxes out of his van.

The total weight of the boxes is 4.9 kg

The weight of each box is 0.7 kg

Work out the number of boxes in John's van.

**Jul 2015**

Four apprentices want to raise £200 for charity.

Three of the apprentices raise these amounts.

Name	Amount raised
Harry	£40.60
Leanne	£81.70
Sanjay	£32.50

Sean is going to run around the playing field.

He is going to get £5.70 for each lap.

Sean thinks he needs to run 8 laps to raise the rest of the money.

Is Sean correct?

Show why you think this.

You must show a check of your working.

(5)

Use the space below to show clearly how you get your answer.

**Feb 2017**

Robyn is going to do a 24 mile walk for charity.

She asks people to sponsor her.

Robyn has this information about how much money each person will give her.

Name	Amount for each mile	Amount for 24 miles
Shahida	£1	£24
Anita	£2	£48
John	30p	.....
Su	80p	£19.20
Tariq	60p	£14.40
Total amount of money		.....

Robyn needs to work out the total amount of money she should get.

(a) Complete the table for Robyn.

(3)

Use the space below to show clearly how you get your answers.

