

## 2 Step Word Problems Sheet 1

Every day my family drives an average of 159 km for trips to school and work. 20% of the miles are for school trips, how many km is this?

31.8 Km

Show your working out below:

$$159 \text{ Km} \div 100 = 1.59$$
$$1.59 \times 20 = 31.8 \text{ Km}$$

The agent's fee for selling a house is 5%. Calculate the agent's fee for a house sold for £80,000.

£4000

Show your working out below:

$$£80,000 \div 100 = 800$$
$$800 \times 5 = £4000$$

There is a 5% discount in the summer sale. How much discount would you get on clothes costing £200?

£10

Show your working out below:

$$£200 \div 100 = 2$$
$$2 \times 5 = £10$$

## 2 Step Word Problems Sheet 2

The school printer needs a new ink cartridge every month. The cartridge costs £19.99. What is the printing cost per day?

£0.66

Show your working out below:

$$£19.99 \times 12 = £239.88$$

$$£239.88 \div 365 = £0.66.$$

Various methods could be used here, i.e. if you were only counting term days the figure would be a lot different. As long as the math and thinking is correct, mark this question correct.

A flight to New York costs £465 but if I book 3 months in advance the flight will cost 15% less. How much discount will I get if I book 3 months in advance?

£69.75

Show your working out below:

$$£465 \div 100 = 4.65$$

$$4.65 \times 15\% = £69.75$$

2 bags of bird seed weigh 150g and cost 90p. How much do 5 bags weigh?

375g

Show your working out below:

$$150\text{g} \div 2 = 75\text{g}$$

$$75 \times 5 = 375\text{g}$$

## 2 Step Word Problems Sheet 3

3 bags of bananas weigh 210g and cost £2.40. Jo spends £4.80 on bananas. What is the weight of bananas that Jo bought?

420grams

Show your working out below:

1 bag of bananas weighs  $210\text{g} \div 3 = 70\text{g}$  and costs  $2.40 \div 3 = \text{£}0.80$   
 $\text{£}4.80 \div \text{£}0.80 = 6$  bags of bananas  
 $6 \times 70\text{g} = 420\text{grams}$

4 bags of apples weigh 320g and cost £3.20. How much do 2 bags weigh?

160 g

Show your working out below:

$320\text{g} \div 4 = 80\text{g}$   
 $80\text{g} \times 2 = 160\text{g}$

Dylan spends £7.20 on apples. How many bags of apples has Dylan bought?

9

Show your working out below:

From the previous question you know that 4 bags cost £3.20.

$\text{£}3.20 \div 4 = \text{£}0.80$   
 $\text{£}7.20 \div \text{£}0.80 = 9$

## 2 Step Word Problems Sheet 4

1 bag of flour weighs 1.3 Kg and cost £1.20. Shelley spends £5.20 on flour.  
What is the weight of Charlie's flour?

5.2 Kg

Show your working out below:

$$£5.20 \div 1.3 \text{ Kg} = 4 \text{ bags of flour}$$

$$4 \times 1.3 \text{ Kg} = 5.2 \text{ Kg}$$