

Thursday Answers

Hard

1 Work out these percentages.

- a) 10% of 7000= **700** b) 10% of 678=**67.8** c) 10% of 350=**35**
d) 50% of 300=**150** e) 50% of 550=**275** f) 50% of 800=**400**
g) 25% of 2600= **650** h) 25% of 4000=**1000**

Harder

1 A farmer had 200 animals in total. 50% were sheep, 25% were horses and 10% were chickens.

- a) How many sheep did he have? $200 \div 2 = 100$
b) How many horses did he have? $200 \div 4 = 50$
c) How many chickens did he have? $200 \div 10 = 20$

2 A bag contains 700 marbles in total. 50% were silver and 25% were multi-coloured.

- a) How many were silver? $700 \div 2 = 350$
b) How many were multi-coloured? $700 \div 4 = 175$

3 A student surveyed 500 people about their favourite colour. 10% said green, 50% said orange and 25% said black.

- a) How many people said green? $500 \div 10 = 50$
b) How many people said orange? $500 \div 2 = 250$
c) How many people said black? $500 \div 4 = 125$

Hardest

1 Work out these percentages.

- a) 20% of 7660=**1532** b) 15% of 4140=**621** c) 80% of 5000=**4000**
d) 15% of 2400=**360** e) 80% of 5830=**4664** f) 60% of 7770=**4662**
g) 15% of 6000=**900** h) 30% of 5400=**1620**

Herculean

1 A bag 5600 bouncy balls in a bag. 40% of them were white, 20% of them were green and 5% were yellow.

- a) How many were white? 2240
- b) How many were green? 1120
- c) How many were yellow? 280

2 There were 7860 cars on the road. 40% of them were silver, 15% of them were red and 30% of them were black.

- a) How many cars were silver? 3144
- b) How many cars were red? 1179
- c) How many cars were black? 2358

3 The children sat two maths papers. Sally's maths paper was out of 90 and she scored 70%. Harry's maths paper was out of 80 and he scored 65%.

Who answered the most questions correctly?

Sally 70% of 90 = 63

Harry 65% of 80 = 52

Sally answered more questions correctly