GCSE MATHEMATICS



KEY TOPIC PRACTICE SHEETS

Calculations with Fractions (AQA)

These questions are suitable for Foundation and Higher Tier students
All questions should be done without a calculator

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	be have the following special Daxons SPECIAL OFFER $\frac{1}{2}$ PRICE TV	al offers on	Jac TV SP	CK Lewis ECIAL OFER E USUAL PRICE		
ı	2 Usual price £360			price £540		
	Which of the statements below is true? You must show your working. The special offer price is less at Daxons					
	The special offer price is more at Daxons					
The special offer price is the same at both stores						

6	There are 40 sheep in a field.	
	To identify who owns each sheep they have been marked with either red, blue or green paint.	
	$\frac{1}{4}$ of the sheep are red.	
	$\frac{3}{5}$ of the sheep are blue.	
	How many of the sheep are marked green?	
		[3 marks]
	Answer	

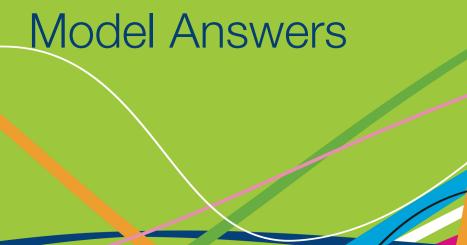
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5	Two stores	have the	following	special	offers on	the price	of a	TV.
_	1 440 300103	ilave tile	101101111111111111111111111111111111111	Special	011613 011	the price	. O. u	

Daxons

SPECIAL OFFER

 $\frac{1}{2}$ PRICE TV

Usual price £360

Jack Lewis

TV SPECIAL OFER

 $\frac{2}{3}$ OFF THE USUAL PRICE

Usual price £540

Which of the statements below is true?

You must show your working.

[3 marks]

The special offer price is less at Daxons

The special offer price is more at Daxons



The special offer price is the same at both stores



$$\frac{2}{3} \times 540 = £360$$

Therefore, they are the same price.

6 There are 40 sheep in a field.

To identify who owns each sheep they have been marked with either red, blue or green paint.

- $\frac{1}{4}$ of the sheep are red.
- $\frac{3}{5}$ of the sheep are blue.

How many of the sheep are marked green?

[3 marks]

$$\frac{1}{4} \times 40 = 10 \text{ red}$$

$$\frac{3}{5} \times 40 = 24 \text{ blue}$$

$$10 + 24 = 34$$
 red and blue

$$40-34 = 6$$
 green

Answer _____6