



THIRD SPACE
LEARNING

GCSE Exam Questions

Comparing Fractions | Number

GCSE Exam Questions: Comparing Fractions

- 1) Here are two fractions.

$$\frac{5}{7} \quad \frac{7}{5}$$

Work out which of the fractions is closer to 1.

You must show your working.

(3 marks)

- 2) Here are two fractions.

$$\frac{3}{10} \quad \frac{5}{8}$$

Work out which of the fractions is closer to $\frac{1}{2}$.

You must show your working.

(3 marks)

- 3) Write down the largest of these three fractions.

$$\frac{3}{5} \quad \frac{11}{20} \quad \frac{1}{2}$$

(2 marks)

GCSE Exam Questions: Comparing Fractions

4) Evie bakes cupcakes.

$\frac{1}{4}$ of the cupcakes are lemon.

$\frac{1}{6}$ of the cupcakes are chocolate.

$\frac{1}{3}$ of the cupcakes are blueberry.

Which flavour does she bake the most of?

(3 marks)

GCSE Exam Questions: Comparing Fractions Answers

	Question	Answer	Marks
1)	Here are two fractions. $\frac{5}{7}$ $\frac{7}{5}$ Work out which of the fractions is closer to 1. You must show your working.	$\frac{5}{7} = \frac{25}{35}$	(1)
		$\frac{7}{5} = \frac{49}{35}$	(1)
		$\frac{5}{7}$	(1)
2)	Here are two fractions. $\frac{3}{10}$ $\frac{5}{8}$ Work out which of the fractions is closer to $\frac{1}{2}$. You must show your working.	$\frac{3}{10} = \frac{24}{80}$	(1)
		$\frac{5}{8} = \frac{50}{80}$	(1)
		$\frac{5}{8}$	(1)
3)	Write down the largest of these three fractions. $\frac{3}{5}$ $\frac{11}{20}$ $\frac{1}{2}$	$\frac{3}{5} = \frac{12}{20}$ and $\frac{1}{2} = \frac{10}{20}$	(1)
		$\frac{3}{5}$	(1)
4)	Evie bakes cupcakes. $\frac{1}{4}$ of the cupcakes are lemon. $\frac{1}{6}$ of the cupcakes are chocolate. $\frac{1}{3}$ of the cupcakes are blueberry. Which flavour does she bake the most of?	$\frac{1}{4} = \frac{3}{12}$	
		$\frac{1}{6} = \frac{2}{12}$	
		$\frac{1}{3} = \frac{4}{12}$	
		One correct fraction conversion	(1)
		All 3 correct fraction conversions	(1)
		Blueberry	(1)

Where to go next?

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