



THIRD SPACE
LEARNING

GCSE Exam Questions

Subtracting Fractions | Number

GCSE Exam Questions: Subtracting Fractions

1) (a) Work out $\frac{11}{12} - \frac{5}{6}$

(2)

(b) Work out $\frac{8}{9} - \frac{2}{3}$

(2)
(4 marks)

2) (a) Work out $5\frac{2}{3} - 2\frac{3}{4}$

(3)

(b) Work out $3\frac{2}{5} - 1\frac{3}{4}$

(3)
(6 marks)

GCSE Exam Questions: Subtracting Fractions

- 3) In a bag there are red, blue and yellow counters.

$\frac{3}{8}$ of the counters are red.

$\frac{1}{6}$ of the counters are blue.

What fraction of the counters are yellow?

(2 marks)

- 4) Katie is walking from Laughton to Abbeyhill.




Work out the distance from Abbeyhill to Journey's End.

-----miles
(3 marks)

GCSE Exam Questions: Subtracting Fractions Answers

	Question	Answer	Marks
1) (a)	Work out $\frac{11}{12} - \frac{5}{6}$	(a) Using a common denominator eg. 12 $\frac{1}{12}$	(1) (1)
(b)	Work out $\frac{8}{9} - \frac{2}{3}$	(b) Using a common denominator eg. 9 $\frac{2}{9}$	(1) (1)
2) (a)	Work out $5\frac{2}{3} - 2\frac{3}{4}$	(a) $\frac{17}{3} - \frac{11}{4}$ $\frac{68}{12} - \frac{33}{12}$ $\frac{35}{12}$ or $2\frac{11}{12}$	(1) (1) (1)
(b)	Work out $3\frac{2}{5} - 1\frac{3}{4}$	(b) $\frac{17}{5} - \frac{7}{4}$ $\frac{68}{20} - \frac{35}{20}$ $\frac{33}{20}$ or $1\frac{13}{20}$	(1) (1) (1)
3)	In a bag there are red, blue and yellow counters. $\frac{3}{8}$ of the counters are red. $\frac{1}{6}$ of the counters are blue. What fraction of the counters are yellow?	$1 - \frac{3}{8} - \frac{1}{6}$ $\frac{11}{24}$	(1) (1)

GCSE Exam Questions: Subtracting Fractions Answers

	Question	Answer	Marks
4)	<p>Katie is walking from Laughton to Abbeyhill.</p>  <p>Work out the distance from Abbeyhill to Journey's End.</p>	$9\frac{2}{5} - 1\frac{3}{4}$ or $\frac{47}{5} - \frac{7}{4}$ $\frac{188}{20} - \frac{35}{20}$ $\frac{153}{20}$ or $7\frac{13}{20}$	<p>(1)</p> <p>(1)</p> <p>(1)</p>

Where to go next?

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