

Adding and subtracting mixed numbers

Grade 4 | Foundation and Higher | 10 questions, 29 marks

GCSE Maths topic practice



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1 Work out $1\frac{1}{2} + 2\frac{1}{3}$

Give your answer as a mixed number.

(2 marks)

Answer _____

2 Work out $5 - 2\frac{3}{8}$

Give your answer as a mixed number.

(2 marks)

Answer _____

3 Freya is asked to work out $\frac{2}{3} + \frac{1}{6}$

Here is her working.

$$\frac{2}{3} + \frac{1}{6} = \frac{3}{9} = \frac{1}{3}$$

Describe **two** ways you can tell that Freya's method is wrong.

(2 marks)

Answer _____

4 A plank of wood is $3\frac{3}{4}$ m long. Kofi cuts a piece of length $1\frac{2}{3}$ m from it.

How long is the piece of plank that is left? Give your answer as a mixed number of metres.

(3 marks)

Answer _____

5

a. One of these fractions is **not** equivalent to $\frac{3}{5}$

$$\frac{6}{10} \quad \frac{9}{15} \quad \frac{12}{25} \quad \frac{15}{25}$$

Write down this fraction.

b. Work out $\frac{2}{5} + \frac{1}{3}$

(3 marks)

Answer _____

6

Mia works out $4\frac{1}{3} - 1\frac{2}{3}$. Here is her working.

$4 - 1 = 3$ and $\frac{2}{3} - \frac{1}{3} = \frac{1}{3}$, so the answer is $3\frac{1}{3}$.

a. Explain the mistake Mia has made.

b. Work out the correct answer to $4\frac{1}{3} - 1\frac{2}{3}$.

(3 marks)

Answer _____

7

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

Give your answer as a mixed number in its simplest form.

(3 marks)

Answer _____

8

Priya makes a cake using $1\frac{3}{4}$ kg of flour and bread using $2\frac{1}{2}$ kg of flour. She starts with a 5 kg bag of flour.

a. Work out the total mass of flour she uses.

b. Work out the mass of flour left in the bag.

(3 marks)

Answer _____

9

Work out $(1\frac{1}{2} + 2\frac{1}{4}) \div \frac{3}{4}$

(4 marks)

Answer _____

10

a. Work out $1\frac{3}{4} + 2\frac{5}{6}$

Give your answer as a mixed number in its simplest form.

b. Work out $2\frac{1}{2} \times 1\frac{1}{5}$

(4 marks)

Answer _____

End of questions | Total 29 marks