

1 Work out the subtractions.

Use the bar models to help you.

a)

$$2\frac{1}{2} - \frac{7}{12}$$

b)

$$2\frac{1}{3} - \frac{7}{12}$$

c)

$$2\frac{1}{4} - \frac{7}{12}$$

2 a) Work out the subtractions.

$$3\frac{1}{4} - \frac{1}{8}$$

$$3\frac{1}{4} - \frac{2}{8}$$

$$3\frac{1}{4} - \frac{3}{8}$$

$$3\frac{1}{4} - \frac{4}{8}$$

b) At what point did the answer break the whole? Why?

c) Which of the calculations will break the whole?

$$3\frac{1}{2} - \frac{9}{10}$$

$$7\frac{3}{4} - \frac{1}{8}$$

$$6\frac{11}{12} - \frac{2}{3}$$

$$4\frac{2}{5} - \frac{7}{15}$$



3 Work out the subtractions.

a) $3\frac{1}{5} - \frac{7}{15}$

c) $4\frac{5}{12} - \frac{5}{6}$

e) $3\frac{2}{9} - \frac{13}{18}$

b) $3\frac{1}{16} - \frac{5}{8}$

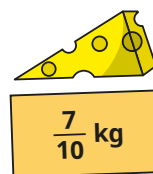
d) $2\frac{1}{6} - \frac{5}{12}$

f) $3\frac{4}{9} - \frac{13}{27}$

4 Here are some ingredients.



potatoes



cheese



carrots

a) How much heavier are the carrots than the cheese?

b) Jack uses $\frac{17}{20}$ kg of carrots.

How many kilograms of carrots does he have left?

c) Jack uses all the cheese and the same amount of potatoes.

What is the mass of the leftover potatoes?

5 Eva is doing the long jump.

On her first attempt, she jumps $3\frac{2}{9}$ m.

Her second attempt is $\frac{2}{3}$ m shorter than her first.

How far does Eva jump on her second attempt?

6 The difference between a mixed number and a fraction is $\frac{7}{8}$

The fraction has a denominator of 16

What could the mixed number and the fraction be?

Give two possible answers.

Talk to a partner about how you could find more answers.

