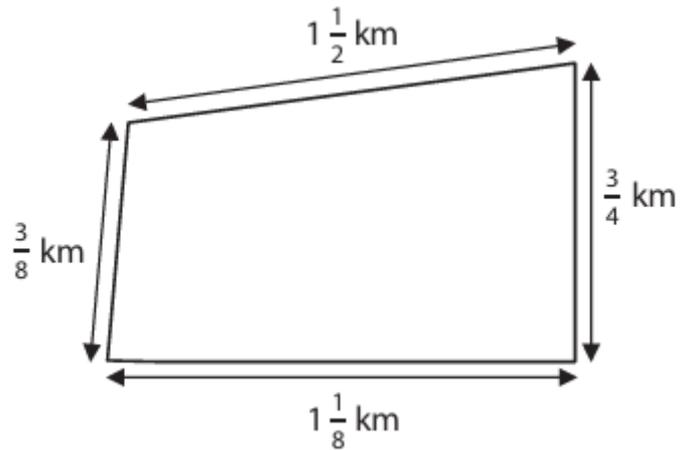


Functional Skills Maths Level 2 | Fractions

1. Amir is doing a fun run on the following course.



He runs around the course two times.

How far does he run in total?

You **MUST** show your working.

2. Last year Grace had two jobs.

Grace worked

- in an office for 12 months and earned £2600 per month
- at a gym for 39 weekends and earned £80 per weekend.

What fraction of her total income last year came from her work at the gym?

Write the fraction in its simplest form.

3.

a. Work out $\frac{5}{9} - \frac{1}{6}$

b Work out $2\frac{7}{8} + 3\frac{1}{6}$

Give your answer as a mixed number.

c. Work out $\frac{5}{6}$ of 420

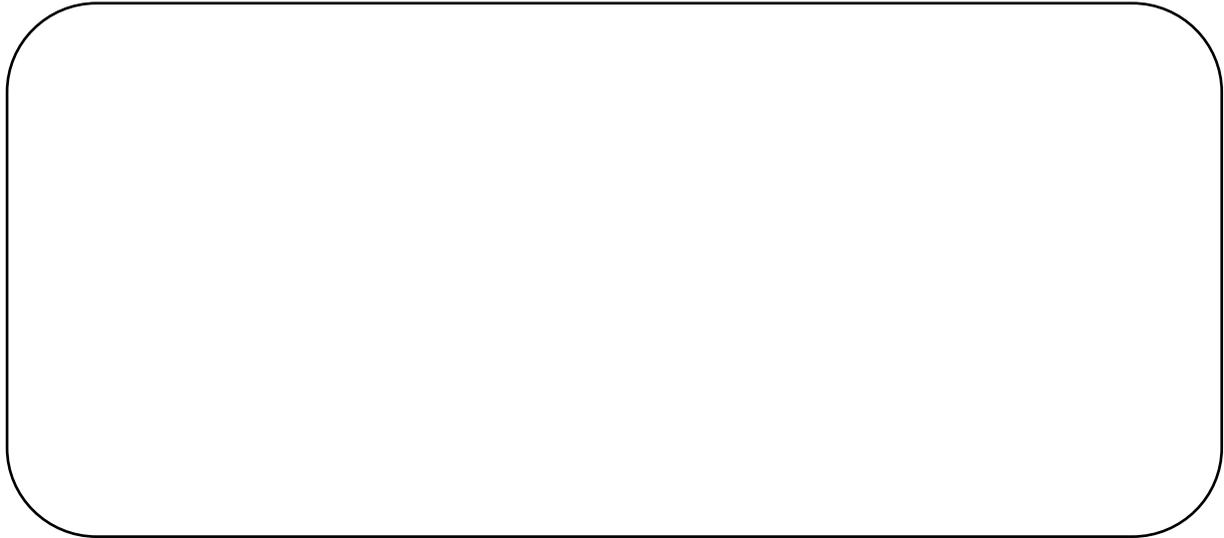
4. Flynn works for a supermarket.
Their usual pay is £9.40 per hour.

Flynn will work for $6\frac{1}{4}$ hours this Sunday.
The supermarket will pay them time and a half for working on a Sunday.

Flynn thinks the supermarket will pay them more than £90 for working this Sunday.

Is Flynn correct?

Show why you think this.



5. Louisa works in a cafe.
She sells cups of tea, cups of coffee and cups of hot chocolate.

Of all the hot drinks he sold last week

- $\frac{1}{5}$ were cups of tea
- $\frac{2}{3}$ were cups of coffee.

What fraction of all cups of hot drinks sold were cups of hot chocolate?



6. Derek works for an airline company.
He reviews the meals the passengers chose on one flight.

There were 480 passengers in total.

$\frac{1}{3}$ of these passengers chose a vegetarian meal.

$\frac{5}{8}$ of these passengers chose a fish meal.

The other passengers chose chicken.

How many passengers chose chicken?



ANSWERS

1. $7\frac{1}{2}$ km

2. $12 \times 2600 = 31,200$

$39 \times 80 = 3,120$

$\frac{1}{11}$

3a. $\frac{7}{18}$

b. $6\frac{1}{24}$

c. 350

4. $\pounds 9.40 \times 1\frac{1}{2} = \pounds 14.10$

$14.10 \times 6\frac{1}{4} = 88.125$

NO and $\pounds 88.13$

5. $\frac{2}{15}$

6. $\frac{1}{24} = 20$ passengers