

Level 1 Fraction Questions

Please circle the correct answers.

1. Mike wants to lose 10 kilograms. After two months he has lost $\frac{2}{5}$ of this amount.

How much weight has he lost?

A 0.4 kg

C 2.5 kg

B 2 kg

D 4 kg

2. Ten out of 50 hospital patients had head injuries.

What fraction of the patients is this?



A $\frac{1}{3}$

C $\frac{1}{5}$

B $\frac{1}{4}$

D $\frac{1}{10}$

3. Janine is paid for each complete quarter hour she works.

She works 7 hours 40 minutes on one day. How long will she be paid for?

A $7\frac{1}{2}$ hours

C $7\frac{3}{4}$ hours

B 7 hours

D 8 hours



4. Winston has been keeping a record of his withdrawals from a cash machine. Over the past 10 weeks he has made the following withdrawals:

£50 £40 £50 £120 £70 £80 £40 £90 £20 £40

What fraction of his withdrawals are less than £70?

A $\frac{1}{2}$

C $\frac{3}{5}$

B $\frac{6}{9}$

D $\frac{7}{10}$

5. At a dance 1 000 raffle tickets are sold. There are ten prizes to be won.

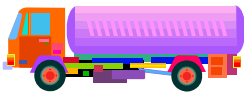
What fraction of tickets will win a prize?

A $\frac{1}{1000}$

C $\frac{1}{990}$

B $\frac{1}{100}$

D $\frac{1}{10}$



6. An oil tank is 75% full.

What fraction of the tank is empty?

A $\frac{3}{4}$

C $\frac{1}{4}$

B $\frac{1}{75}$

D $\frac{1}{25}$

7. The table shows the number of people who attend different showings of a film. One hundred of those who attend the 2:30pm showing are Senior Citizens.



What fraction is this of the total attending that session?

2:30pm	4:30pm	7:00pm	9:30pm
150	175	225	250

A $\frac{1}{3}$

C $\frac{2}{3}$

B $\frac{2}{5}$

D $\frac{4}{5}$

Level 2 Fraction Questions

1. A Fire Service report shows the numbers of different types of fires attended during the year.



chimney fires	420
vehicle fires	770
derelict buildings	44
occupied buildings	960
others	330

What fraction of all the fires were vehicle fires?

A About $\frac{1}{5}$

C About $\frac{1}{3}$

B About $\frac{1}{4}$

D About $\frac{1}{2}$

2. A gardener keeps a record of the minimum temperature in °C each day. The thermostat on the greenhouse heater switches the heater on when the temperature falls below 0°C.

Results for February.							
	Mon	Tues	Wed	Thurs	Fri	Sat	Sun
1st week	2	4	5	5	1	-1	-3
2nd week	-4	-1	0	3	6	5	6
3rd week	3	2	-1	0	3	-2	0
4th week	0	4	7	8	3	-1	-2

For what fraction of the number of days in February was the heater used?

A $\frac{1}{8}$

C $\frac{1}{7}$

B $\frac{8}{31}$

D $\frac{2}{7}$

3. A student carried out a survey in a town centre car park. During the survey 251 cars entered the car park. Between 8am and 2pm, 148 cars entered the car park. Estimate the fraction of cars in the survey which entered the car park between 8am and 2pm.



A $\frac{3}{8}$

C $\frac{3}{5}$

B $\frac{2}{5}$

D $\frac{5}{8}$

4. Anne goes to a slimming club. She weighs 12 stones.
Anne's target weight is 10 stones.

What fraction of her current weight does she aim to lose?

A $\frac{1}{12}$

C $\frac{1}{6}$

B $\frac{1}{8}$

D $\frac{1}{4}$

Questions 5 and 6 are about the sales at an ice-cream stall.



FLAVOUR OF ICE-CREAM	NUMBER SOLD
Strawberry	4
Mint Choc Chip	5
Raspberry	7
Chocolate	14
Banana	3
Toffee	6
Vanilla	8
Tutti Frutti	3

5. Which ice-cream flavour sold only two-thirds as many as toffee?

A Banana

C Mint Choc Chip

B Strawberry

D Tutti Frutti

6. Liz used 1 litre of vanilla ice-cream.

How much chocolate ice-cream did she use if all the ice-creams were the same size?

A $\frac{4}{22}$ litre

C $1\frac{3}{4}$ litres

B $\frac{4}{7}$ litre

D $2\frac{1}{2}$ litres

7. Jack works the following hours during a week.

Mon	Tues	Fri	Sat
7hrs	6½hrs	7¾hrs	4hrs

How many hours did Jack work that week?

A $25\frac{1}{4}$ hrs

C 25 hrs

B $24\frac{1}{4}$ hrs

D $25\frac{3}{4}$ hrs

Answer sheet

Level 1 Fraction questions

- 1 – D (4kg)
- 2 – C ($\frac{1}{5}$)
- 3 – A ($7\frac{1}{2}$ hrs)
- 4 – C ($\frac{3}{5}$)
- 5 – B ($\frac{1}{100}$)
- 6 – C ($\frac{1}{4}$)
- 7 – C ($\frac{2}{3}$)

Level 2 Fraction questions

- 1 – C (about $\frac{1}{3}$)
- 2 – D ($\frac{2}{7}$)
- 3 – C ($\frac{3}{5}$)
- 4 – C ($\frac{1}{6}$)
- 5 – B (strawberry)
- 6 – C ($1\frac{3}{4}$ litres)
- 7 – A ($25\frac{1}{4}$ hrs)

Suggest students allow about $\frac{1}{2}$ hr.