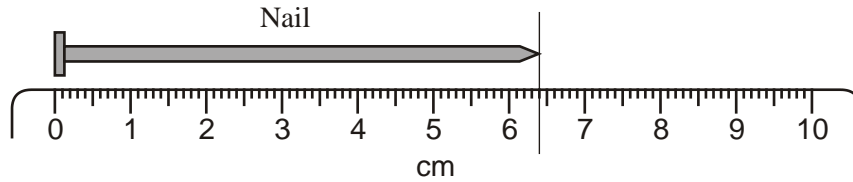


Conversion and Compound Measures

Levels 3-5

1. (a)



How long is the nail?

Answer cm

(1)

(b)



On this number line, mark the position of 270.

(1)

(Total 2 marks)

2. (a) Convert 5 litres to pints.

.....
.....
.....

Answer pints

(2)

(b) Convert 7 pounds to kilograms.

.....
.....

Answer kg

(2)

(Total 4 marks)

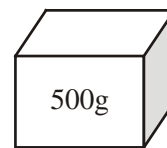
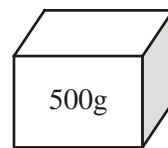
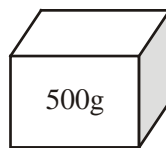
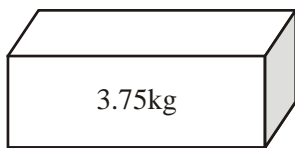
3. Sharon travels from Leeds to London in her car. The distance she travels is 200 miles. The journey takes her 4 hours. Find Sharon's average speed.

.....
.....
.....

Answer

(Total 3 marks)

4. A postman has four parcels to deliver.
One parcel weighs 3.75 kilograms.
Three parcels weigh 500 grams each.



Calculate the total weight of the parcels.
Give your answer in kilograms.

.....
.....
.....
.....

Answer kg

(Total 3 marks)

5. Alan drove 12 miles.
The journey took 15 minutes.

What was Alan's average speed?

.....
.....
.....
.....

Answer

(Total 4 marks)

6. The weight of a 2p coin is 7g.
Find the weight of £10 worth of 2p coins.
Give your Answer in kilograms.

.....
.....
.....
.....
.....
.....

Answerkilograms

(Total 4 marks)

7. Susan completes a journey in two stages.
In stage 1 of her journey, she drives at an average speed of 80 km/h and takes 1 hour 45 minutes.

(a) How far does Susan travel in stage 1 of her journey?

.....
.....
.....
.....

Answer km

(2)

(b) Altogether, Susan drives 190 km and takes a total time of 2 hours 15 minutes.
What is her average speed, in km/h, in **stage 2** of her journey?

.....
.....
.....
.....
.....
.....

Answer km/h

(2)

(Total 4 marks)

8. A car produces 2.78 kg of carbon dioxide per hour when driven in a city.
The car travels 30 miles in a city at an average speed of 20 mph.
How much carbon dioxide does the car produce during its journey?

.....
.....
.....
.....
.....

Answer kg

(Total 3 marks)