

Name: _____

GCSE (1 – 9)

Units and Conversions

Instructions

- Use **black** ink or ball-point pen.
- Answer all questions.
- Answer the questions in the spaces provided
– *there may be more space than you need.*
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- You must **show all your working out.**

Information

- The marks for each question are shown in brackets
– *use this as a guide as to how much time to spend on each question.*

Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end

1 Change 2580 grams to kilograms.

..... kg

(Total for question 1 is 1 mark)

2 Change 1.6 kilometres to metres.

..... m

(Total for question 2 is 1 mark)

3 Change 48 cm to mm.

..... mm

(Total for question 3 is 1 mark)

4 Change 520 millilitres to litres

..... litres

(Total for question 4 is 1 mark)

5 Change 0.87 kilograms to grams.

..... grams

(Total for question 5 is 1 mark)

6 Change 640 cm to metres.

..... metres

(Total for question 6 is 1 mark)

7 Change 25 metres to cm.

..... cm

(Total for question 7 is 1 mark)

8 Change 800 metres to kilometres.

..... km

(Total for question 8 is 1 mark)

9 Change 75 mm to cm.

.....cm

(Total for question 9 is 1 mark)

10 Change 2.5 litres to millilitres

..... millilitres

(Total for question 10 is 1 mark)

11 Change 920 millilitres to litres

..... litres

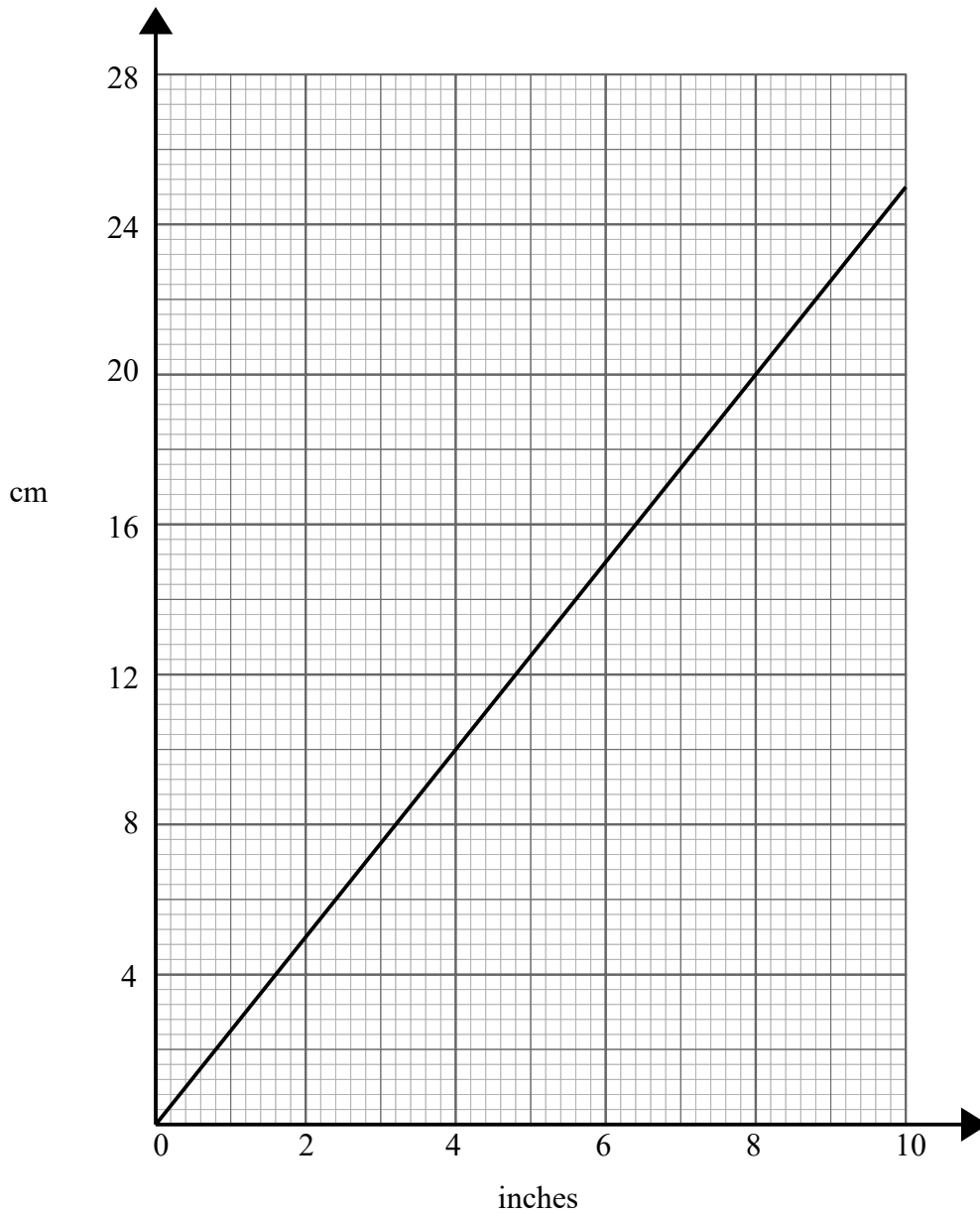
(Total for question 11 is 1 mark)

12 Change 75 kilograms to grams.

..... grams

(Total for question 12 is 1 mark)

13 You can use this graph to change between inches and centimetres.



(a) Change 3 inches to cm.

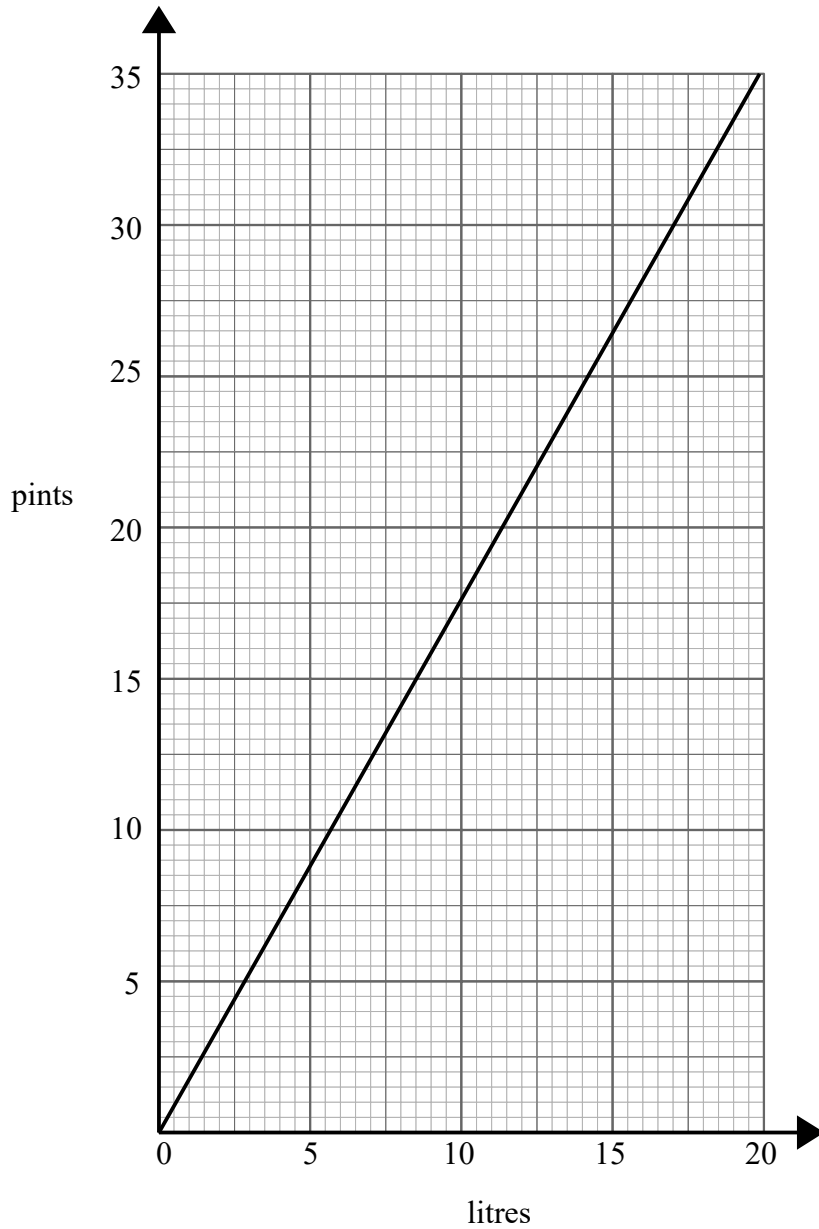
..... cm
(1)

(b) Change 50 cm to inches

..... inches
(2)

(Total for question 13 is 3 marks)

14 You can use this graph to change between litres and pints.



(a) Change 15 litres to pints.

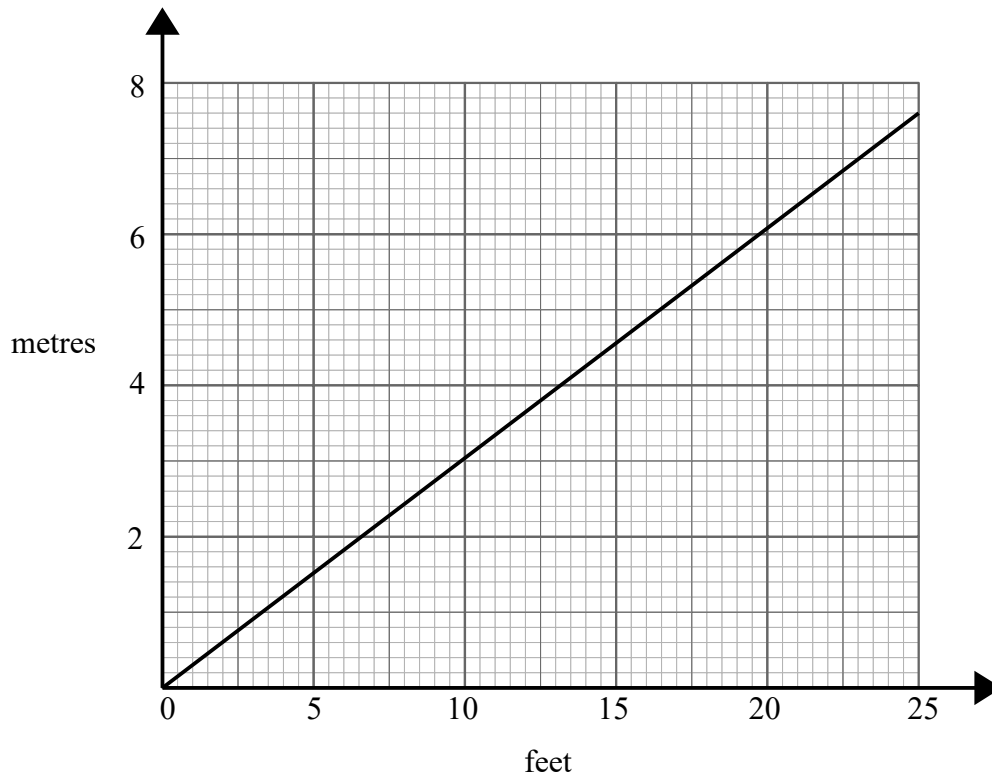
..... pints
(1)

(b) Change 70 pints to litres.

..... litres
(2)

(Total for question 14 is 3 marks)

15 You can use this graph to change between feet and metres.



(a) Change 12 feet to metres.

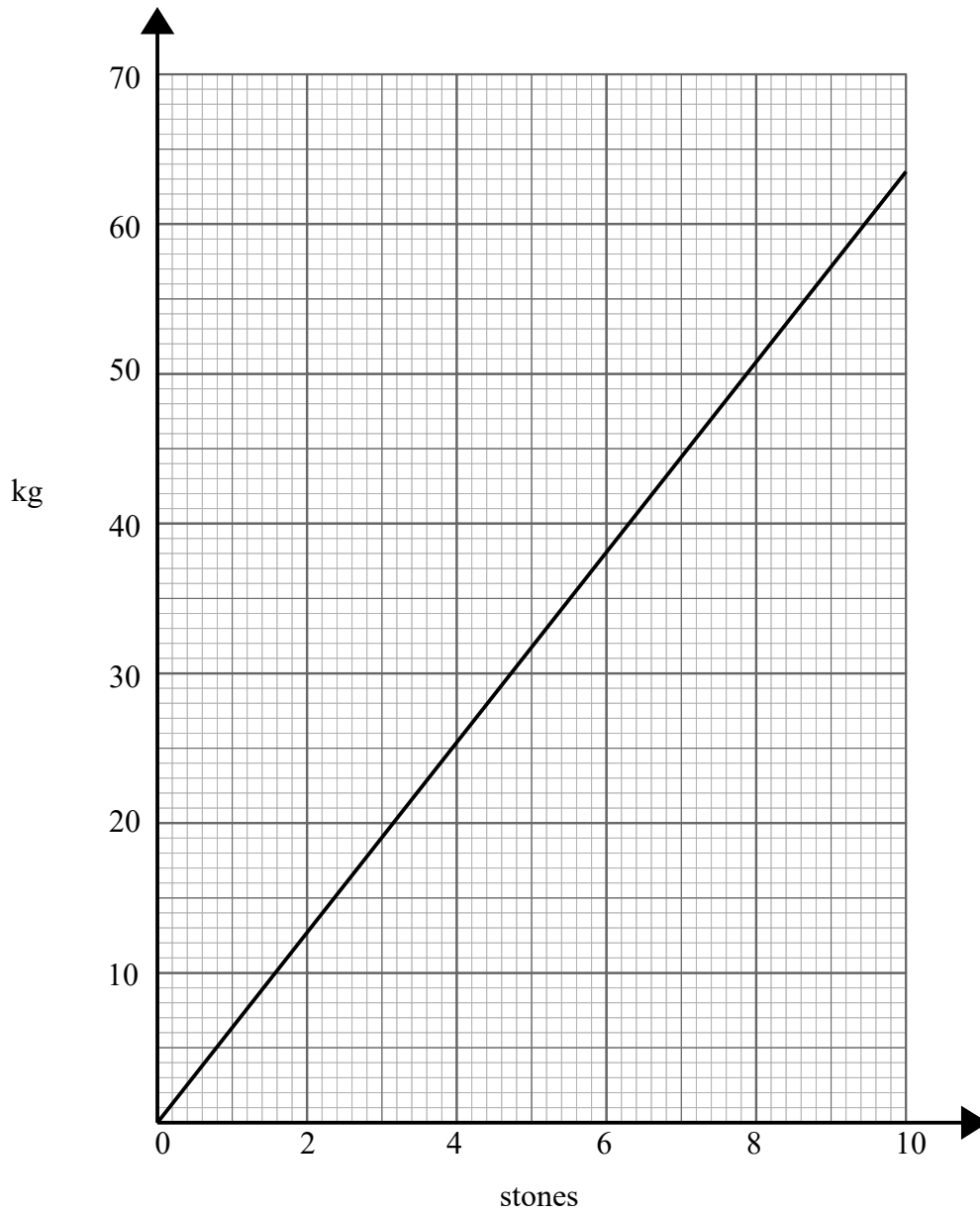
..... metres
(1)

(b) Change 25 metres to feet.

..... feet
(2)

(Total for question 15 is 3 marks)

16 You can use this graph to change between stones and kilograms.



(a) Change 7 stones to kilograms.

..... kg
(1)

(b) Change 100 kilograms to stones.

..... stones
(2)

(Total for question 16 is 3 marks)

17 Write 35 cm^3 in mm^3

..... mm^3

(Total for question 17 is 1 mark)

18 Write 4.5 m^2 in cm^2

..... cm^2

(Total for question 18 is 1 mark)

19 Write 90 mm^2 in cm^2

..... cm^2

(Total for question 19 is 1 mark)

17 Write 30 kilometres per hour in metres per second

..... m/s

(Total for question 17 is 2 mark)
