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.
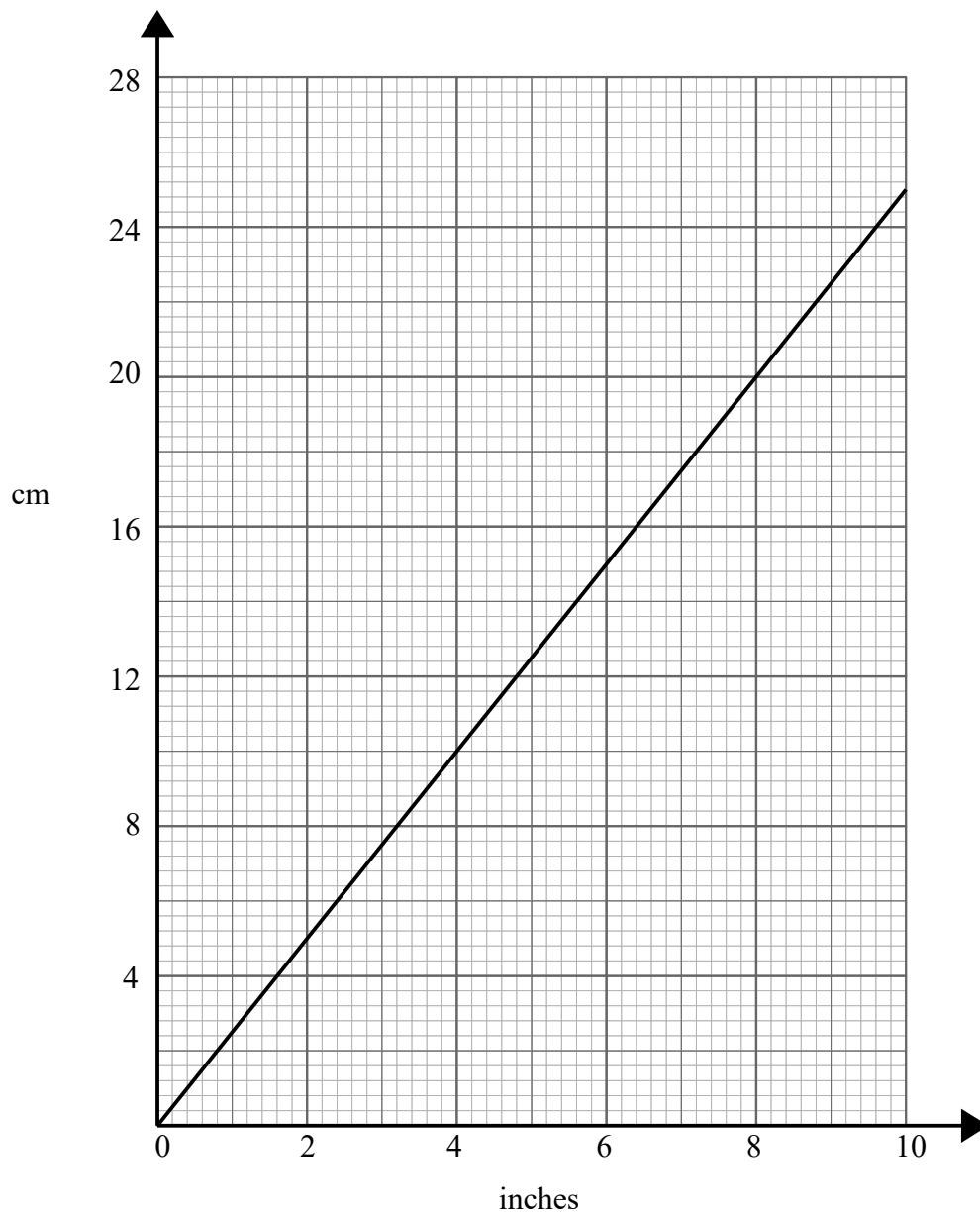• You must **show all your working out.**

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 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
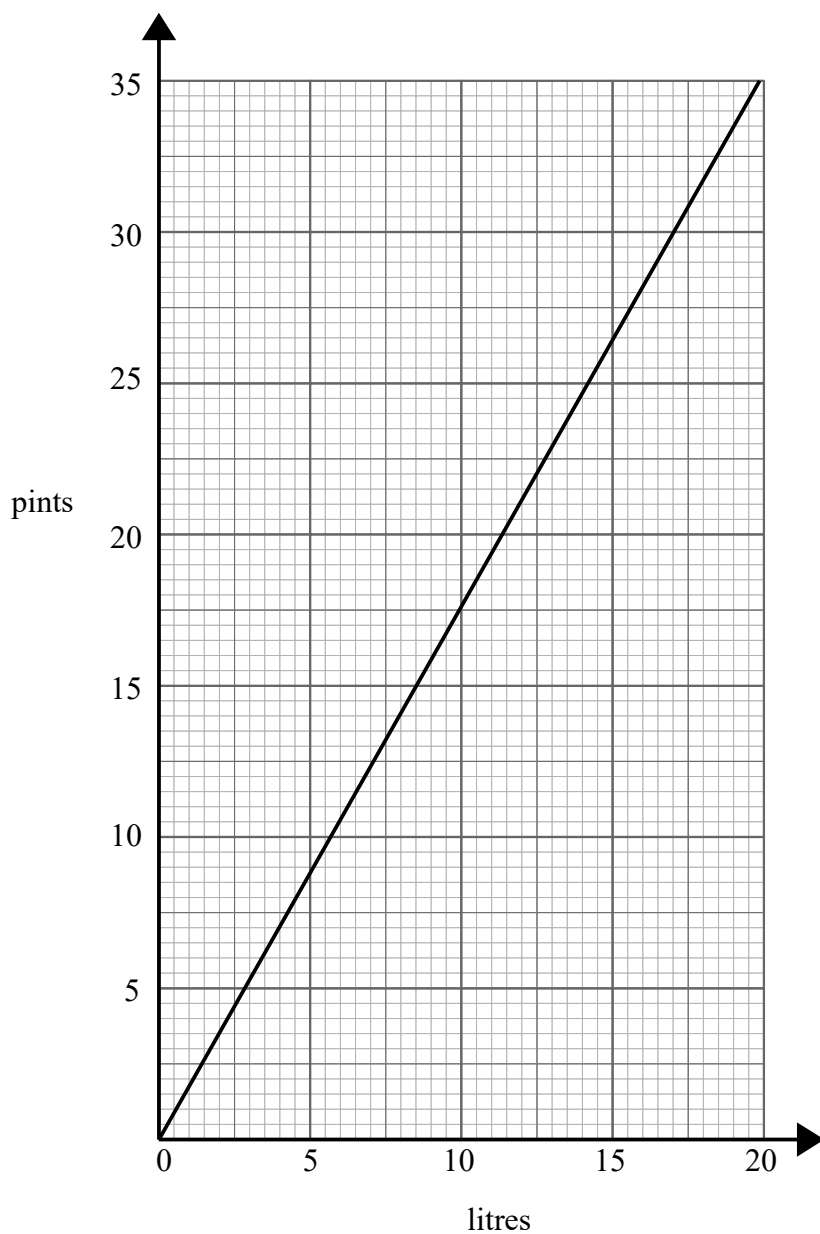
(2)

(Total for Question 1 is 3 marks)

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

pints

litres
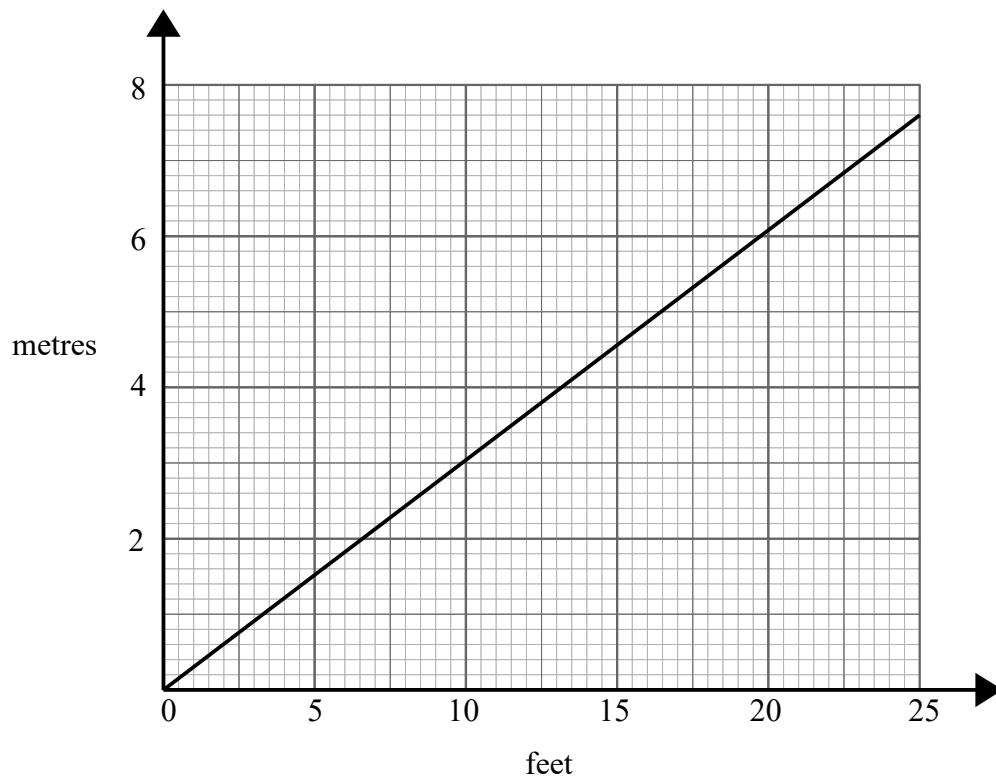
(a) Change 15 litres to pints.

.... pints

(1)

(b) Change 70 pints to litres.

.... litres

(2)

(Total for Question 2 is 3 marks)

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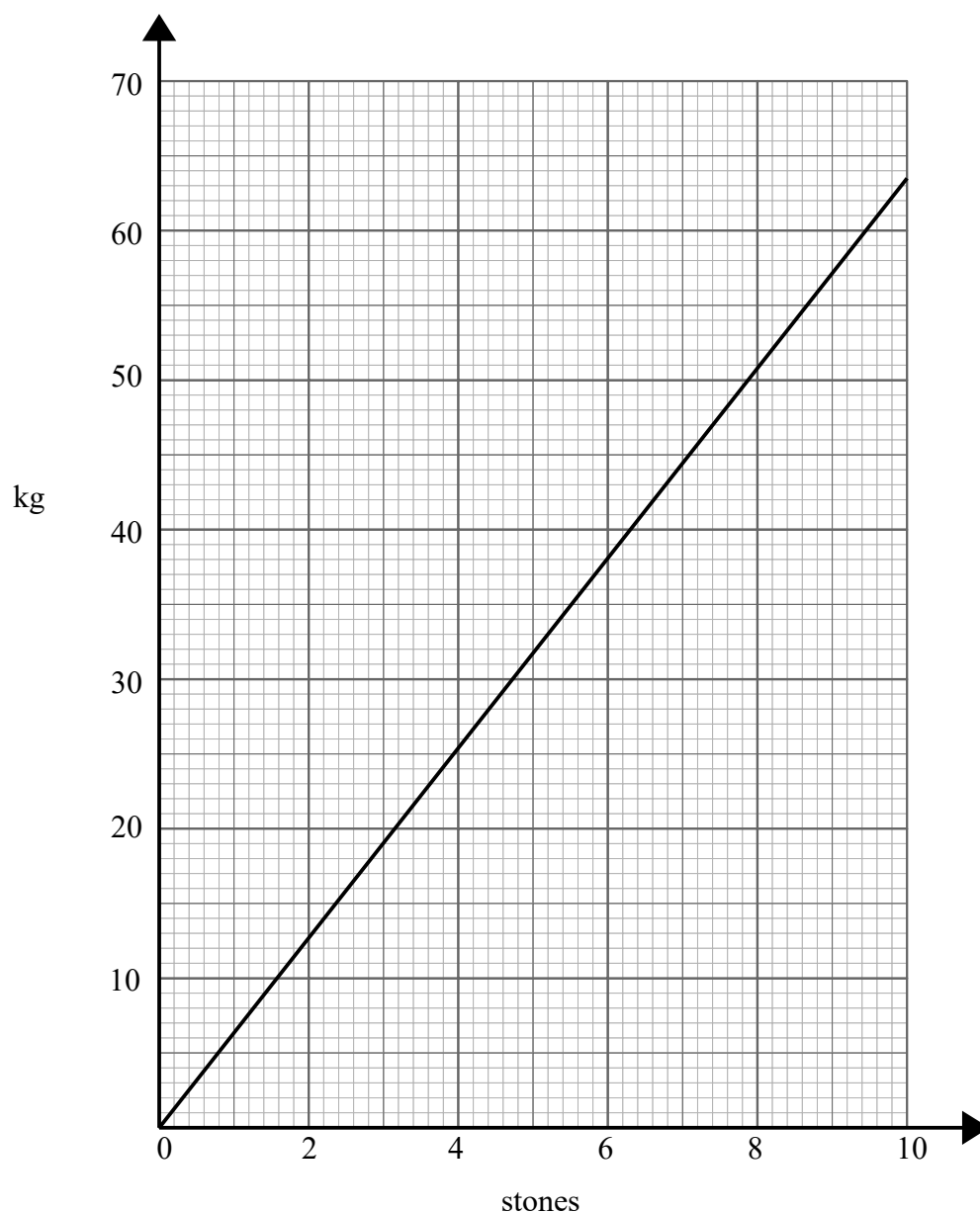

(a) Change 12 feet to metres.

.... metres

(1)

(b) Change 25 metres to feet.

.... feet

(2)

(Total for Question 3 is 3 marks)

4 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 4 is 3 marks)

5 Write 35 cm³ in mm³

.... mm³

(Total for Question 5 is 1 mark)

6 Write 4.5 m² in cm²

.... cm²

(Total for Question 6 is 1 mark)

7 Write 90 mm² in cm²

.... cm²

(Total for Question 7 is 1 mark)

8   Write 30 kilometres per hour in metres per second

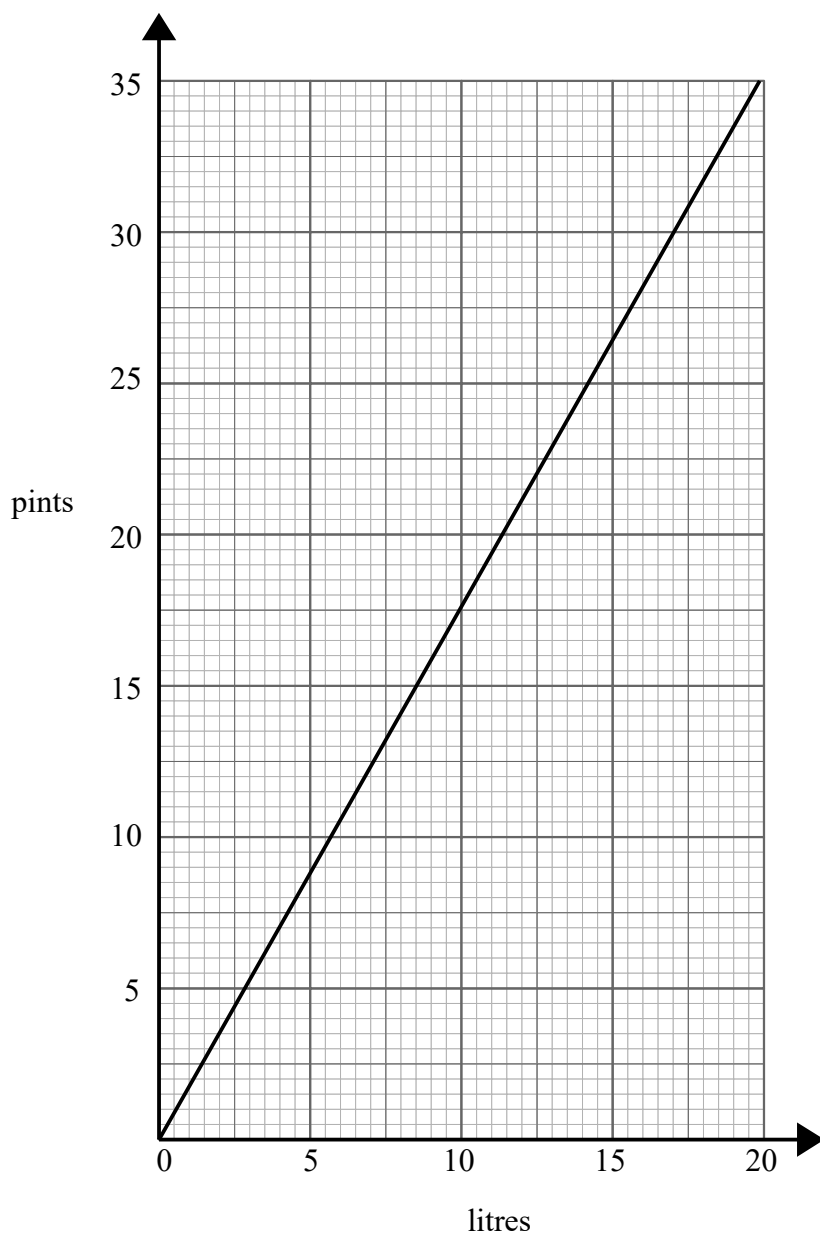.. m/s

(Total for Question 8 is 2 marks)

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

(a) Change 10 litres to pints.

.... pints

(1)

(b) Change 90 pints to litres.

.... litres

(2)

(Total for Question 9 is 3 marks)