Name: _____

ASM Tuition Academy

CONVERSIONS AND UNITS

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 you're working out.**

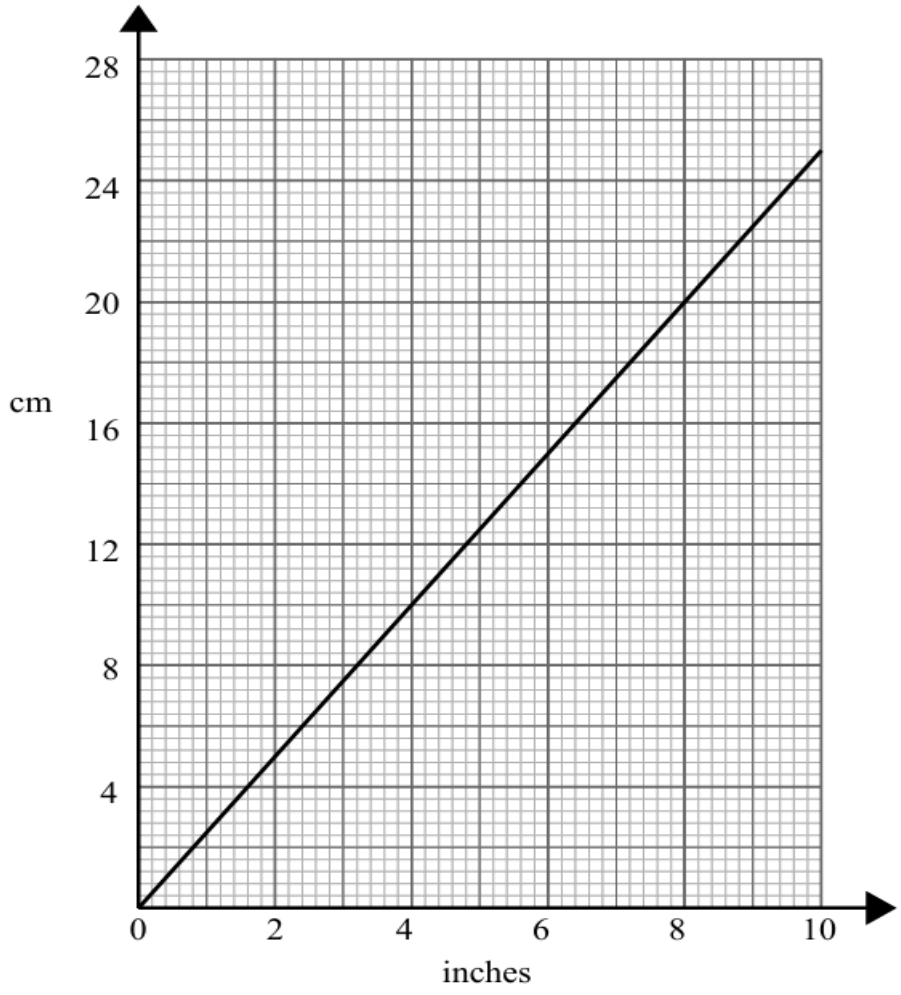
Information:

- 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 time.
- Try to answer every question.
- Check your answers if you have time at the end.

Q1. You can use this graph to change between inches and centimetres.

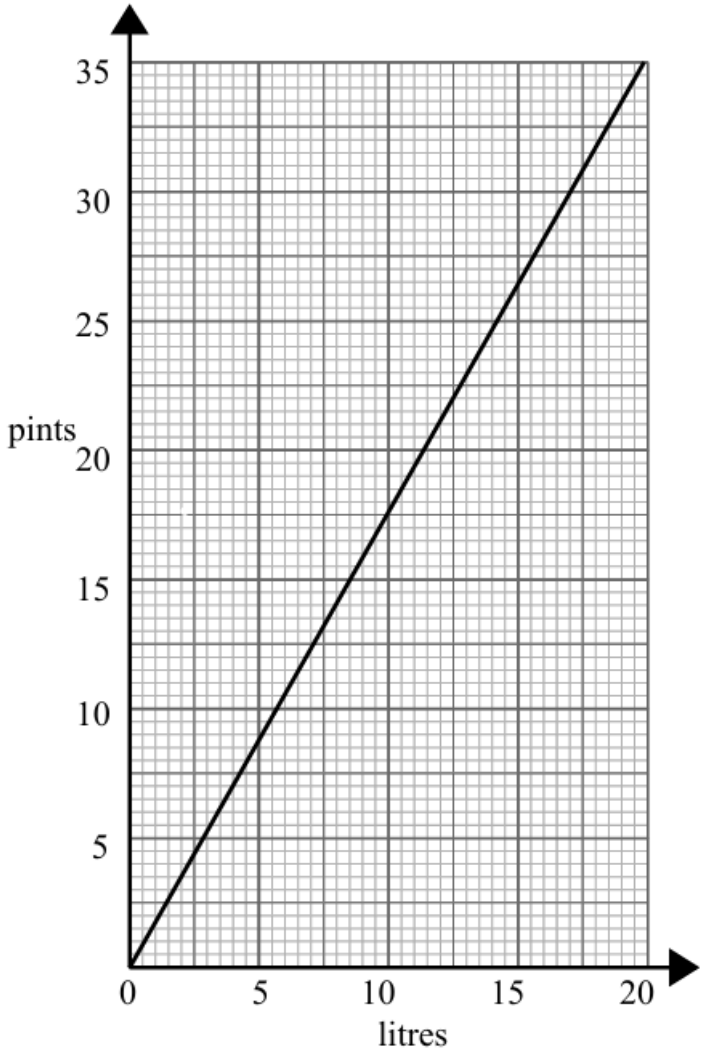


(a) Change 4 inches to centimetres (cm)

(b) Change 20 cm to inches

(Total for question 1 is 3 marks)

Q2. You can use this graph to change between litres and pints.

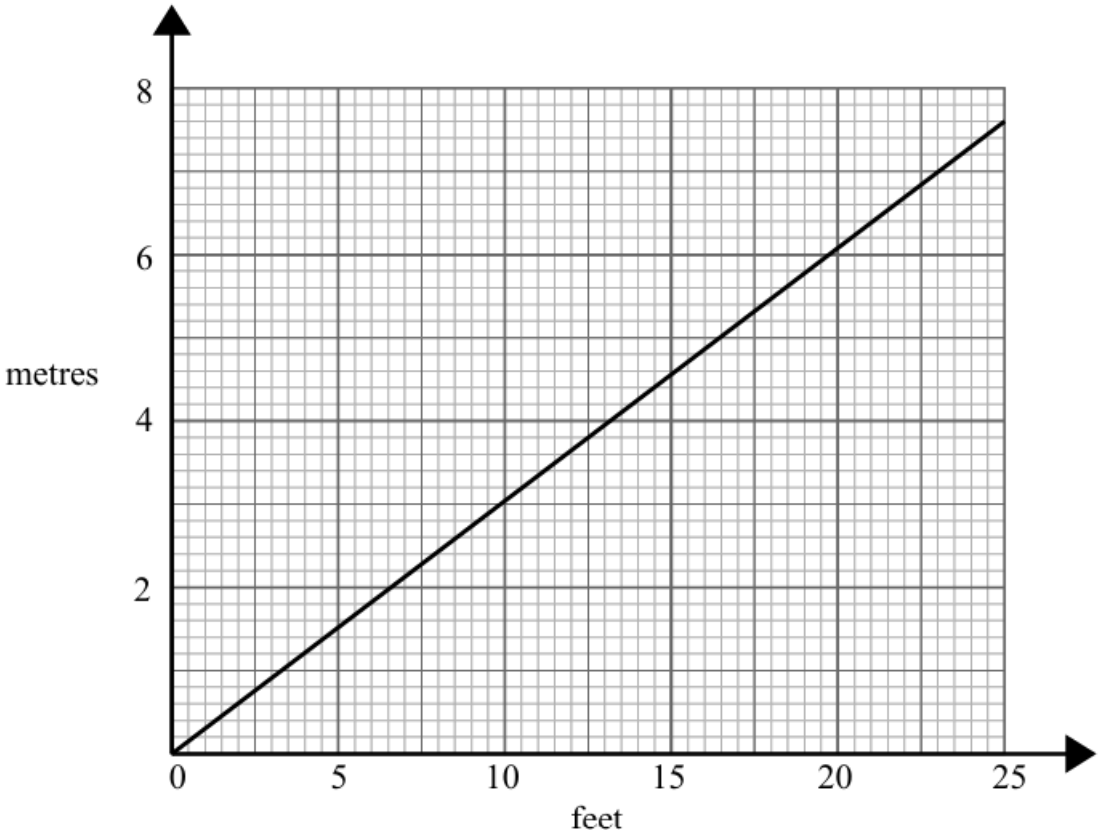


(a) Change 10 litres to pints.

(b) Change 28 pints to litres.

(Total for question 2 is 3 marks)

Q3. You can use this graph to change between feet and metres.

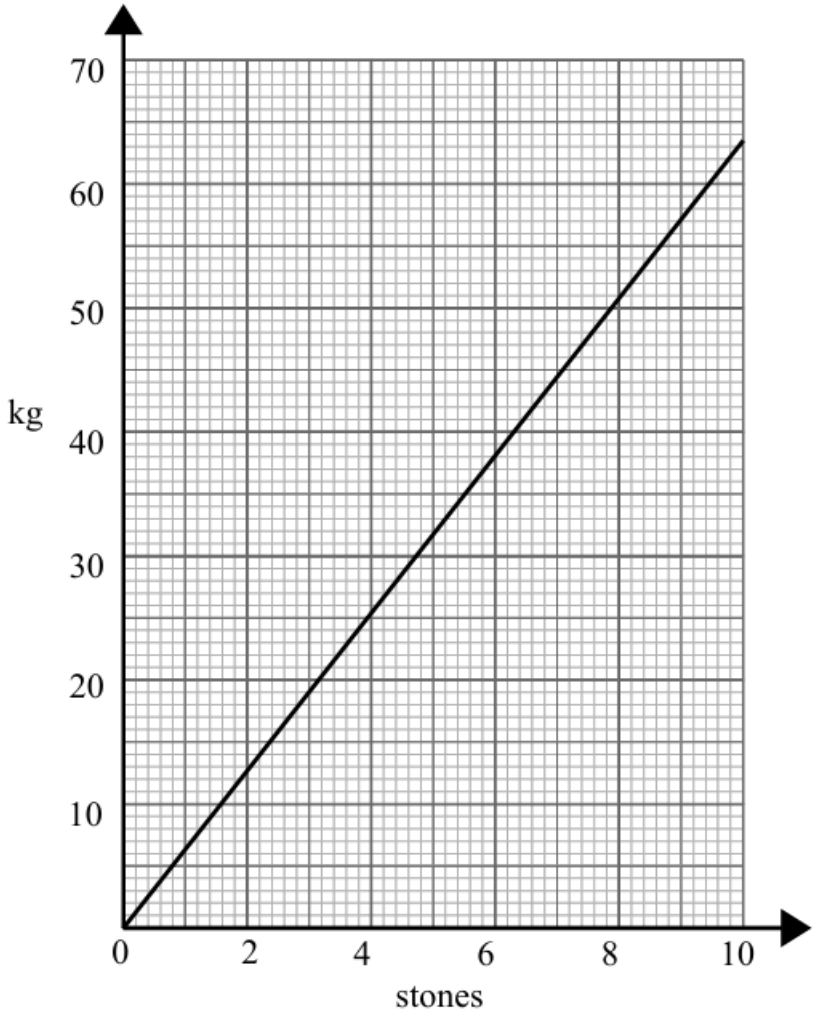


(a) Change 8 feet to metres.

(b) Change 6 metres to feet.

(Total for question 3 is 3 marks)

Q4. You can use this graph to change between stones and kilograms.



(a) Change 6 stones to kilograms.

(b) Change 56 kilograms to stones.

(Total for question 4 is 3 marks)

Q5. Write 25 cm^3 in mm^3.

(Total for question 5 is 1 mark)

Q6. Write 3 m^2 in cm^2.

(Total for question 6 is 1 mark)

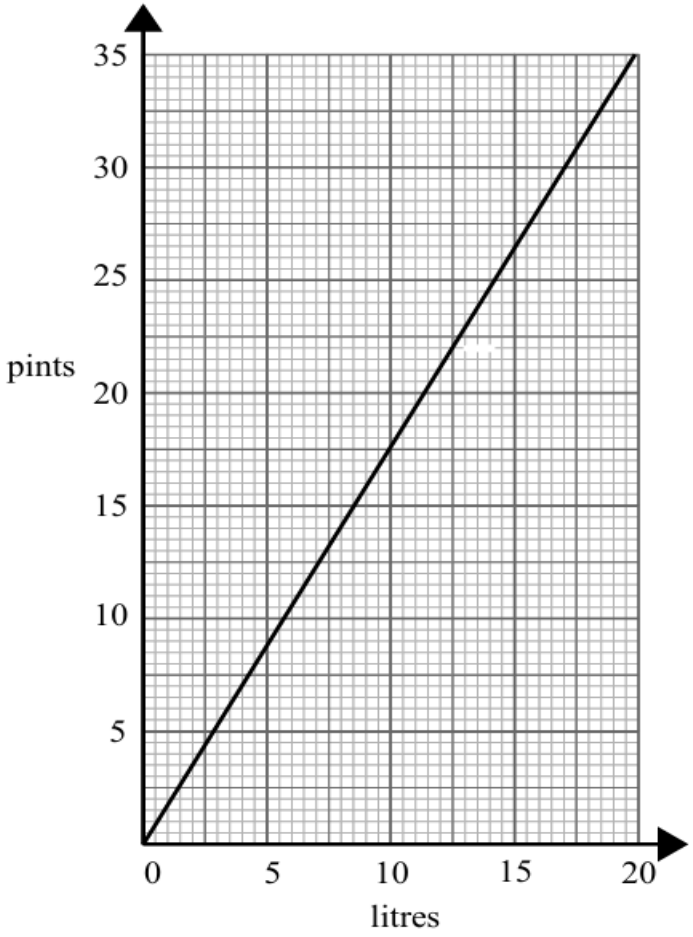
Q7. Write 60 mm^2 in cm^2.

(Total for question 7 is 1 mark)

Q8. Write 20 kilometres per hour in metres per second.

(Total for question 8 is 2 marks)

Q9. You can use this graph to change between litres and pints.



(a) Change 15 litres to pints.

(b) Change 28 pints to litres.

(Total for question 9 is 3 marks)
