

Y5 Imperial Units

KS2 Y5 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

A ruler is 12 inches long. About how many centimetres is that?

Step 1 · 1 inch $\approx$ 2.5 cm

multiply by 2.5

Step 2 · 12×2.5

$12 \times 2 = 24$, $12 \times 0.5 = 6$

Answer: About 30 cm

Check: A school ruler is 30 cm, and in inches it is 12 inches (1 foot) ✓

2. Now try one with the steps

A recipe needs 2 pounds of potatoes. About how many grams is that?

Step 1 · 1 pound $\approx$ 450 g

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. Which is longer: 1 inch or 1 cm?

2. Which is heavier: 1 pound or 1 kg?

3. Which holds more: 1 pint or 1 litre?

4. About how many centimetres is 4 inches?

5. About how many centimetres is 10 inches?

6. About how many grams is 3 pounds?

7. About how many millilitres is 2 pints?

8. About how many pounds is 5 kg?

9. A TV screen is 40 inches across. About how many centimetres is that?

10. About how many inches is 20 cm?

11. Kemi buys 6 pints of milk. Is that more or less than 3 litres?

12. A suitcase can weigh up to 20 kg. About how many pounds is that?

13. A shelf is 3 feet long. About how many centimetres is that?

14. A recipe needs 1 pint of stock. Ali has a 500 ml carton. Does he have enough? Write yes or no.

4. Before you hand it in

Thinking 1 inch = 1 cm.

An inch is about 2.5 cm, roughly the width of an adult's thumb.

Thinking a pint is more than a litre.

A pint is about 570 ml, just over half a litre.

Writing 4 inches = 10 cm with an equals sign exact.

Use $\approx$ (approximately equal to): 4 inches $\approx$ 10 cm. The exact value is 10.16 cm.