



17. Write the missing numbers to make these sentences correct.

$$\frac{1}{2} \text{ of } 90 \text{ kg} = \boxed{\quad} \text{ kg}$$

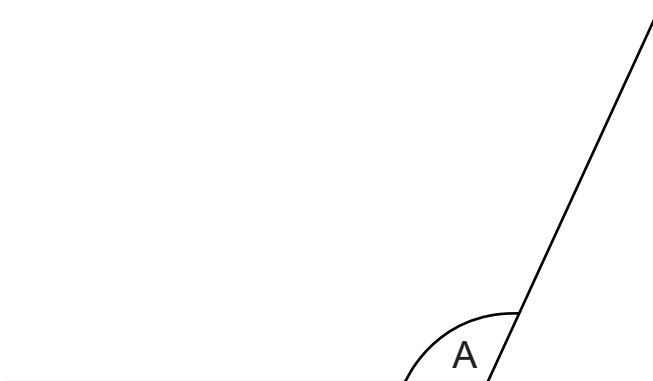
1 mark

$$\frac{1}{8} \text{ of } \boxed{\quad} \text{ kg} = 20 \text{ kg}$$

1 mark

18. Measure **angle A** accurately.

Use a protractor (angle measurer).

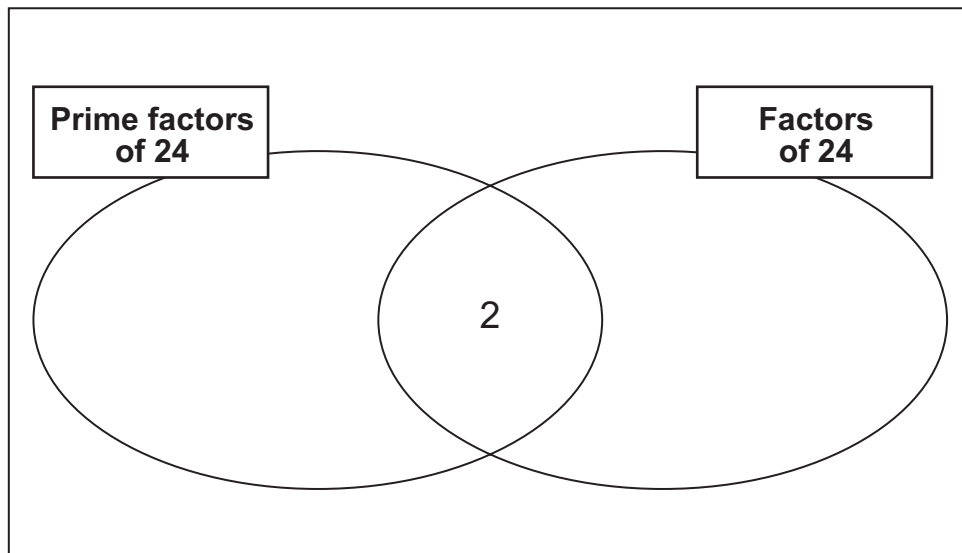


1 mark

19. Write the numbers in the correct places on the Venn diagram.

One has been done for you.

~~2~~      3      4      6      7



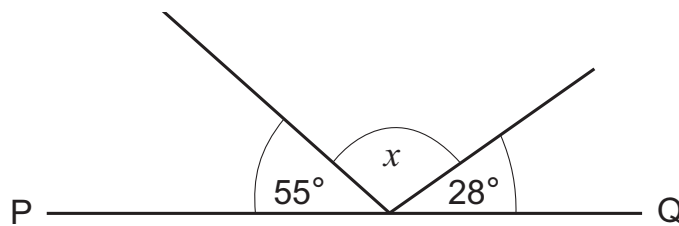
2 marks

20. 6 mangoes cost £8.10

Calculate the cost of **one** mango.

1 mark

21. PQ is a straight line.



Not drawn accurately

Calculate the size of angle  $x$ .

Do **not** use a protractor (angle measurer).

1 mark

22. Here are the ingredients to make pizza bases.

<p><u>Pizza base</u></p> <p>500 g flour</p> <p>25 g butter</p> <p>350 ml water</p>
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Jason makes pizza bases using 1500 g of flour.

What weight of butter should he use?

1 mark

23. Mia and Jason each have some money.

Altogether they have £1.30

Mia gives Jason 20p so that they both have the same amount.

How much money did each have at the start?

Show your method

Mia had	p	Jason had	p
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2 marks

24. Circle the **two** fractions that are equivalent to 0.4

$$\frac{40}{100} \quad \frac{1}{40} \quad \frac{1}{4} \quad \frac{4}{10}$$

1 mark

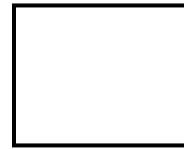
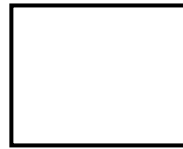
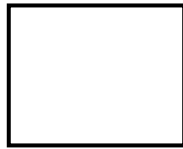
25. Write these numbers in order, starting with the **smallest**.

$$\frac{5}{2}$$

$$\frac{13}{4}$$

$$\frac{25}{8}$$

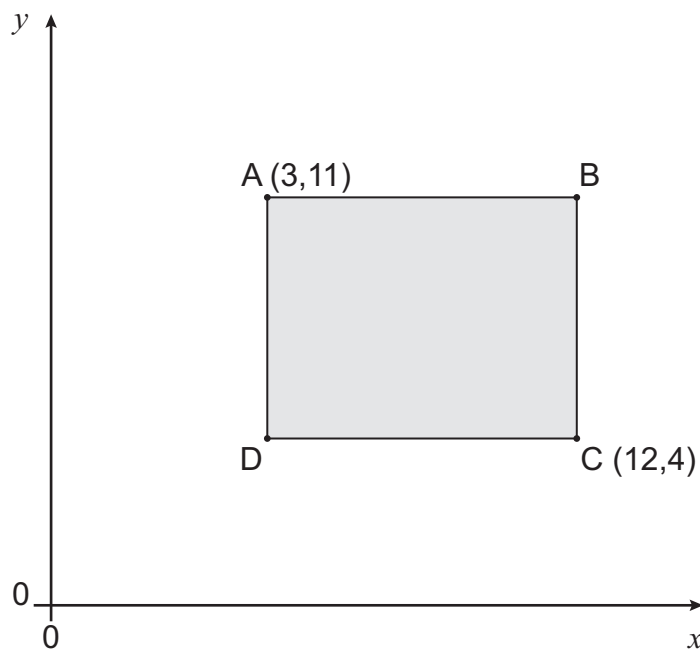
$$2\frac{3}{4}$$



smallest

1 mark

26. Here is a shaded rectangle.

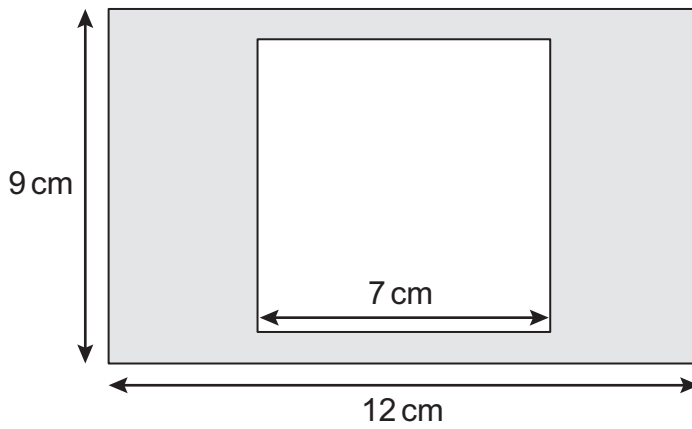


Write the coordinates for point B.

**B = (            ,            )**

1 mark

27. A square with 7cm sides is cut out of a grey rectangle.



What is the area of the grey shape that is left?

Show your method

cm<sup>2</sup>

2 marks

