

1

There are 4 cans of soda in a pack.

Jessica has p packs of soda.

Which expression shows how many cans of soda Jessica has?

Tick **one**.

$4 + p$

$4 \times p$

$4 - p$

$p \div 4$

$p - 4$

$4 \div p$

1 mark

2

Tom scored x marks on his maths test.

Theo scored 4 more marks than Tom.

Write an expression for the number of marks Theo scored.

1 mark

Timmy scored half as many marks as Tom.

Write an expression for the number of marks Timmy scored.

1 mark

Tilly scored 2 marks less than Tom.

Write an expression for the number of marks Tilly scored.

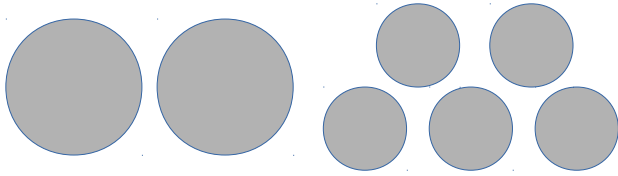
1 mark

3

Caesar and Danny are playing a game with large counters and small counters.

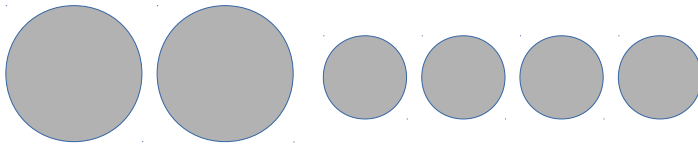
Large counters have a value and small counters have a value.

Caesar has 2 large counters and 5 small counters



total value is 175

Danny has 2 large counters and 4 small counters



total value is 164

Calculate the value of each counter.

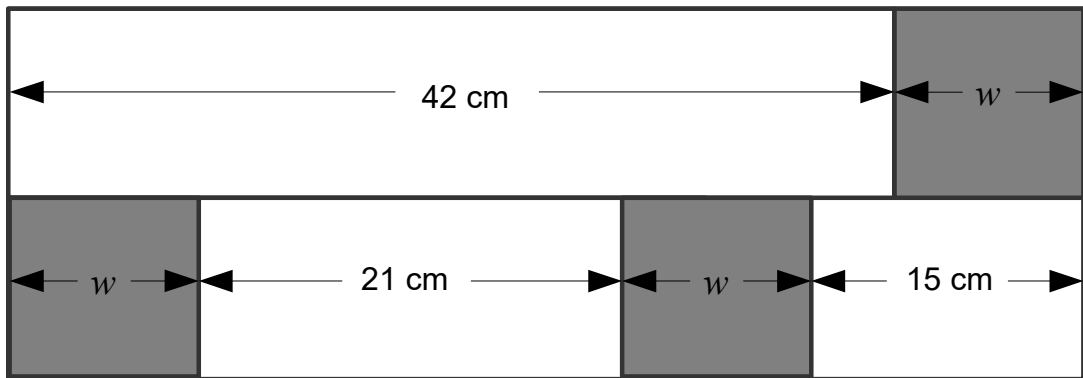
large =

small =

2 marks

4

In this diagram, all of the shaded rectangles are of equal width (w).



Not to scale

Calculate the width (w) of one shaded rectangle.

Show Your method

cm

2 marks