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.

x + 4

1 mark

Timmy scored half as many marks as Tom.
Write an expression for the number of marks Timmy scored.

x ÷ 2

1 mark

Tilly scored scored 2 marks less than Tom.
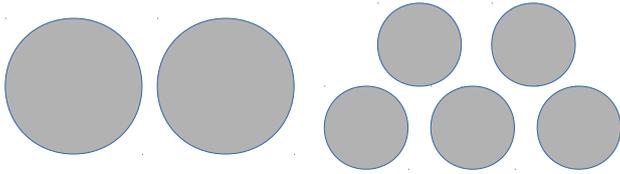Write an expression for the number of marks Tilly scored.

x - 2

1 mark

3 Caesar and Danny are playing a game with large counters and small counters.
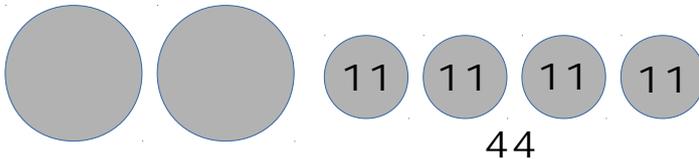
Large counters have a value and small counters have a value.

Caesar has 2 large counters and 5 small counters

total value is 175

Danny has 2 large counters and 4 small counters

11 11 11 11   total value is 164

44

Calculate the value of each counter.

164 - 44 = 120
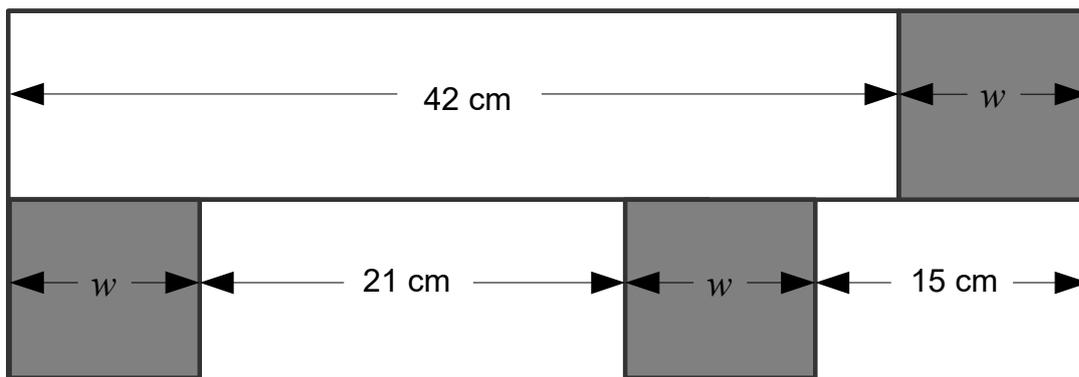
120 ÷ 2 = 60

large = 60

small = 11

difference is one small counter,

so one small counter = 11 (175-164)

_____
2 marks

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

42 cm w

Not to scale

w 21 cm w 15 cm

Calculate the width (w) of one shaded rectangle.

Show Your method

42 + w = w + 21 + w + 15

42 = 21 + w + 15

42 = 36 + w

w = 6

6   cm

_____
2 marks