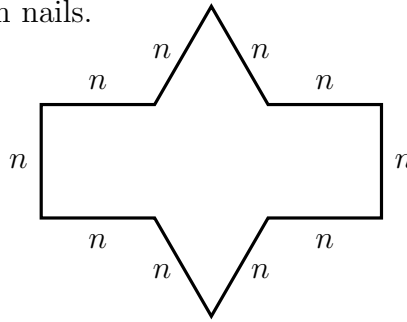1. Here is a decagon made from nails.
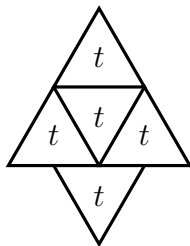

n is the length of each nail

$n = 7$ mm

Write down the perimeter of the decagon

(i) in terms of n . . . .   (ii) in millimetres   . . . . mm

2. Here is a hexagon made from tiles.

t is the area of each tile

$t = 4$ cm^2

Write down the area of the hexagon

(i) in terms of t . . . .   (ii) in cm^2 . . . . cm^2

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valueAlgebra (2) Ans.   Q1 (i) 10n, (ii) 70   Q2 (i) 5t, (ii) 20   Q3 (i) 7b, (ii) 1400   Q4 (i) 5p, (ii) 30

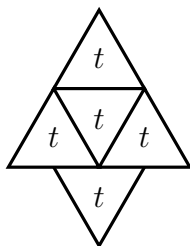1. Here is a decagon made from nails.
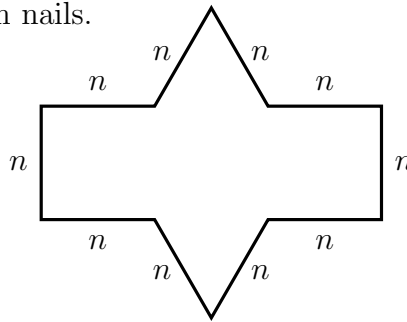
n is the length of each nail

$n = 7$ mm

Write down the perimeter of the decagon

(i) in terms of n . . . .   (ii) in millimetres   . . . . mm

2. Here is a hexagon made from tiles.

t is the area of each tile

$t = 4$ cm^2

Write down the area of the hexagon

(i) in terms of t . . . .   (ii) in cm^2 . . . . cm^2

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3. The scales show some boxes being weighed.

| b | b | b | b |

| b | b | b |

Weighing scales
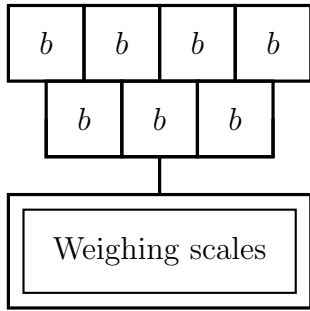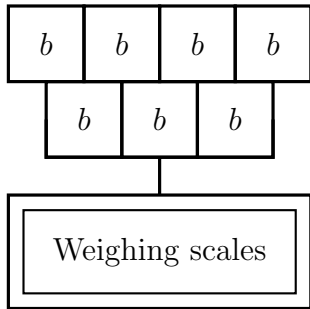
b is the weight of each box

$b = 200$ grams

Write down the weight of the boxes

(i) in terms of b . . . .

(ii) in grams   . . . . grams

4. Here is a pentagon made from pegs.

p p

p p

p
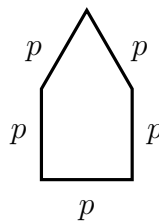
p is the length of each peg

$p = 6$ cm

Write down the perimeter of the pentagon

(i) in terms of p . . . .

(ii) in centimetres   . . . . cm