10 Three identical isosceles triangles are joined to make this trapezium.
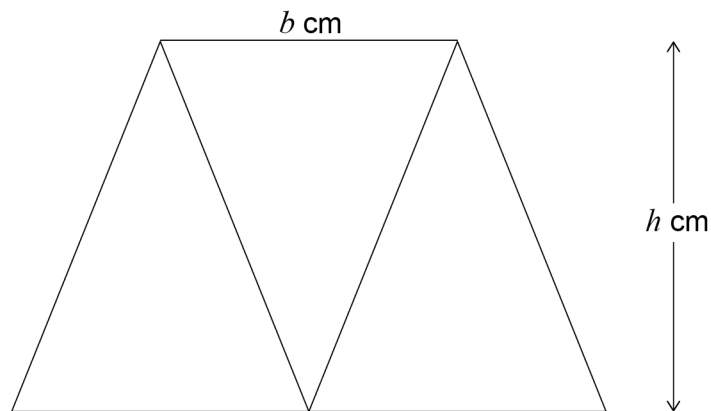
Each triangle has base b cm and perpendicular height h cm

Not drawn accurately

b cm

h cm

10 (a) Work out an expression, in terms of b and h, for the area of the trapezium.
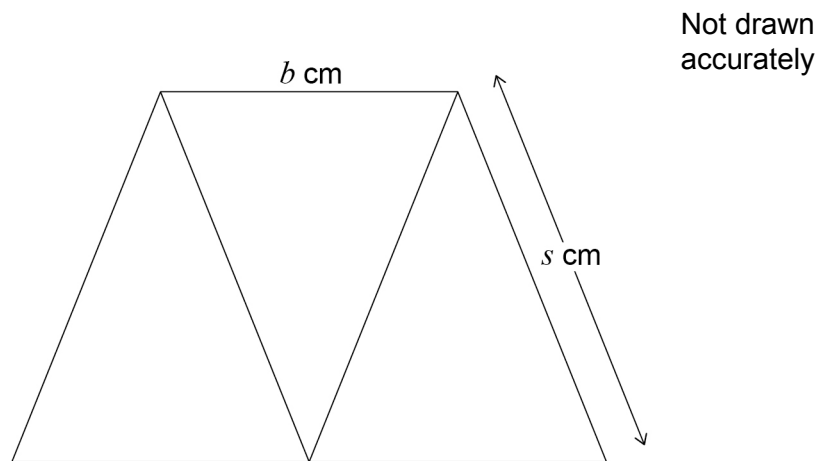
Give your answer in its simplest form.

[2 marks]

AG10A

Answer _____ cm^2

10 (b)   This diagram shows the same trapezium.

Not drawn accurately

b cm

s cm

$b : s = 2 : 3$

Work out an expression, in terms of b, for the perimeter of the trapezium.

[2 marks]

Answer _____ cm

Turn over for the next question