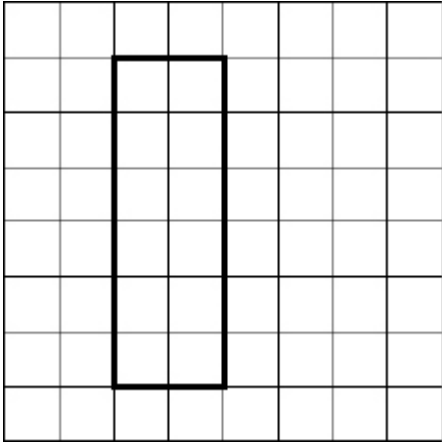


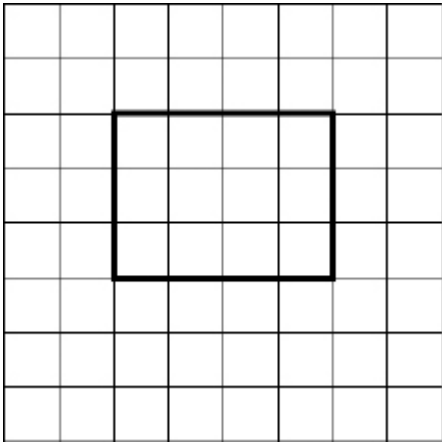
## Mark schemes

1.

Any rectangle with an area of 12 squares, eg



OR



*Accept slight inaccuracies in drawing provided the intention is clear.*

*Vertices must be closer to correct grid point than any other grid point.*

*Accept rectangles with measurements not drawn wholly on grid, eg  $12 \times 1$  rectangle.*

*Award the mark if a correctly drawn rectangle is separated into individual centimetre squares.*

[1]

2.

15

U1

[1]

**3.**

Award **TWO** marks for the correct answer of 48

If the answer is incorrect, award **ONE** mark for evidence of appropriate method, e.g.

$$8 \times 8 = 64$$

$$\frac{3}{4} \text{ of } 64$$

**OR**

$$(8 \times 8) - (4 \times 4)$$

**OR**

$$(4 \times 4) \times 3$$

*Answer need not be obtained for the award of **ONE** mark.*

**Up to 2m (U1)**

**[2]**