

Grade 6 measurement test

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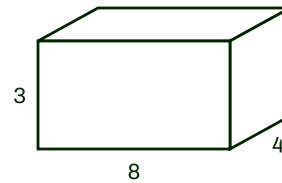
Answer each question. Show your work.

- 1 In the morning the temperature was -4°C . By noon it was 8°C . By how many degrees did the temperature rise?

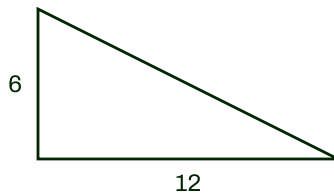
- 2 A sail is a triangle with an area of 84 square metres. The base of the sail is 12 metres. What is the perpendicular height, in metres, of the sail?

- 3 A storage box is 5 m long, 4 m wide and $1\frac{1}{3}$ m high. What is the volume, in cubic metres, of the box?

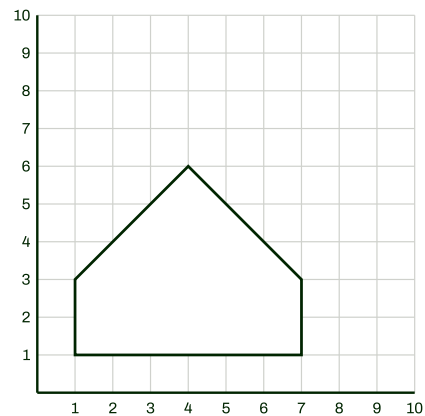
- 4 Lengths on the prism below are in metres. What is the surface area, in square metres, of the prism?



- 5 A triangle is shown below. What is the area, in square units, of the triangle?



- 6 The shape below is drawn on a grid. Each grid square is 1 unit long and 1 unit wide. What is the area, in square units, of the shape?



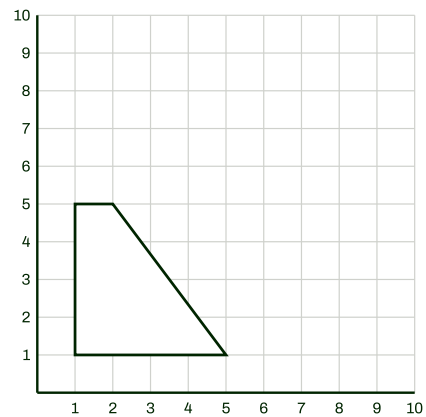
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Answer each question. Show your work.

- 7** A parallelogram has a base of 4 metres. The perpendicular height is 4 metres, and each slanted side is 7 metres long. What is the area, in square metres, of the parallelogram?

- 8** A trapezoid is drawn on the grid below. Each grid square is 1 unit long and 1 unit wide. What is the area, in square units, of the trapezoid?



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1	12	2	14	3	$26\frac{2}{3}$
4	136	5	36	6	21
7	16	8	10		