

# 6 The area under a curve – Part 1 — Answers

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## Answers

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Work through these after you have tried the questions yourself.

**2.1** the area of the region between the curve and the  $x$ -axis.

**2.2** it covers the region with thin rectangles and adds up their areas.

**2.3** it gets closer and closer to the true area.

**2.4** a triangle with base 6 and height 6: area =  $\frac{1}{2} \times 6 \times 6 = 18$ .

**2.5** the distance travelled.