

6 The area under a curve — Part 1 — Answers

Answers

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.