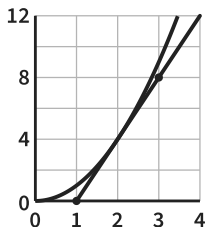


Gradient of a curve

Exit ticket ANSWERS Name _____

- 1 The tangent to the curve at $x = 2$ is drawn. Find the gradient of the curve at $x = 2$.

4



- 2 On a distance (m) against time (s) graph, a tangent goes through (1, 5) and (4, 23). Find the speed at that point.

6 m/s

- 3 Ana says a tangent through (0, 9) and (3, 0) has a gradient of 3. What has she done wrong?

It slopes down: -3

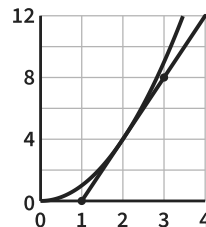
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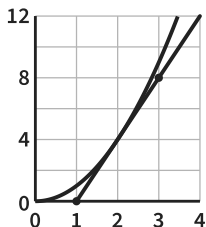
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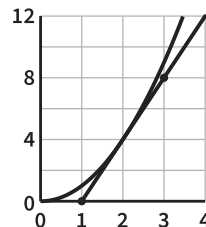
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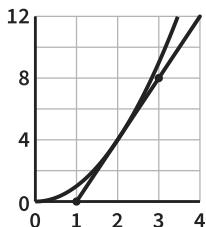
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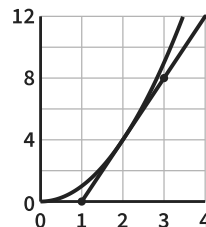
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