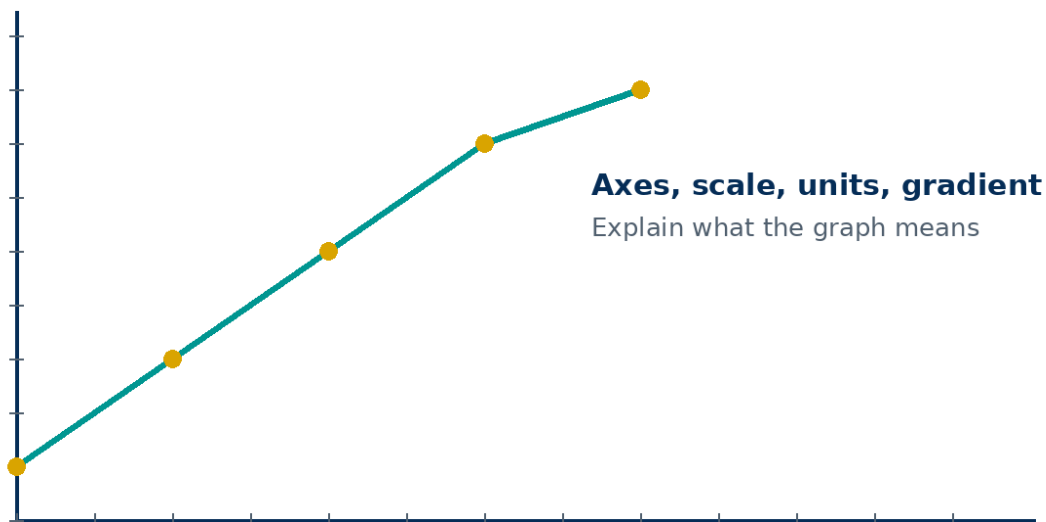


Learner Assessment: Direct and inverse proportion

Objective: Solve direct and inverse proportion problems and represent relationships.

Calculator condition: Non-calculator core; calculator optional only for checking where labelled.

L065 Direct and inverse proportion



Objective: Solve direct and inverse proportion problems and represent relationships.

Recall

Retrieve the key fact or method needed for direct and inverse proportion.

Core practice

y is inversely proportional to x^2 . If $y=12$ at $x=2$, find y at $x=4$.

Working: _____

Check/explanation: _____

Reasoning

A graph through the origin appears curved upward. Can y be directly proportional to x ? Explain.

Working: _____

Check/explanation: _____

Exam-style

Solve an exam-style problem involving direct and inverse proportion. Show working, include a check and interpret your answer.

Working: _____

Check/explanation: _____