

Gradient of a Line

November 2024 Paper 1

Question	Answer	Mark	Mark scheme	Additional guidance
24	Rate of change of volume	C1	<p>for a correct explanation</p> <p>Acceptable examples The rate of water poured Speed of pouring water out from the tank How fast the water is being used (in the tank over time) Amount of water decreasing in the tank each second</p> <p>Not acceptable examples Negative correlation / negative gradient Amount of water decreasing in the tank in seconds As time increases the volume of water in the tank decreases It is negative, the volume of litres is going down It represents the deceleration or changing speed</p>	<p>Allow amount of water increasing in the tank each second</p>