6			$k = \frac{50}{3.6^3}$ or $\frac{3125}{2916}$ or 1.07(167)	**M1**	Attempt find k. Must involve division, and cube or cube root Can be implied by 1.07 seen, or correct v
			'1.07'$v^3 = 225$ or $v^3 = \frac{225}{\text{'1.07'}}$ oe or $v = \sqrt[3]{\frac{225}{\text{'1.07167'}}}$	**M1**	or $v = \sqrt[3]{\frac{225}{\text{their } k}}$ oe SC $k = \frac{50}{3.6^2}$ oe Max M1M0A0
			Alternative Method $\frac{v^3}{3.6^3} = \frac{225}{50}$	**M1**	Attempt use proportion. Must involve cube or cube root
			$\frac{v}{3.6} = \sqrt[3]{\frac{225}{50}}$ or $v = 3.6 \times \sqrt[3]{\frac{225}{50}}$	**M1**	Correct expression for v
			$v = 5.94$ (3 sf) (Wind speed = 5.94 m/s)	**A1** **[3]**	Allow without units