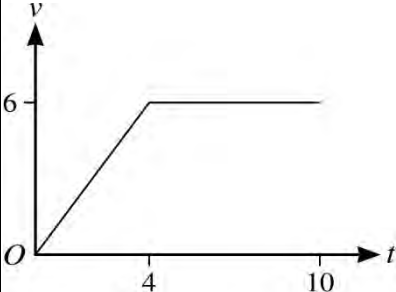


7	(a)		 <p>A velocity-time graph with velocity <math>v</math> on the vertical axis and time <math>t</math> on the horizontal axis. The origin is labeled <math>O</math>. The graph starts at <math>O</math>, increases linearly to the point <math>(4, 6)</math>, and then continues horizontally to the point <math>(10, 6)</math>. The axes are labeled <math>v</math> and <math>t</math> at their respective ends.</p>	B1	1.1	Correct shape – if $t$ axes not labelled then assume sketch is from 0 to 10 (ignore sketch after 10 if labelled)	
				B1	1.1	Correct values labelled on axes	Condone axes not labelled with $v$ and/or $t$  Condone origin not labelled
				[2]			
7	(b)		$\frac{1}{2} \times 4 \times '6' + 6 \times '6'$ or $\frac{1}{2}(10+6)('6')$  48 m	M1	1.1a	Triangle & rectangle or trapezium (oe) with their velocity (which must be positive) – allow if 36 and 12 seen (provided these values are not subtracted)	or <i>suvat</i> twice
				A1	1.1	Units not required and condone incorrect units throughout mechanics section	
				[2]			