

Question number	Answer	Notes	Marks																				
2 (a)	a quantity with magnitude / size;  (and) direction;	allow 'amount' for magnitude	2																				
(b)	<table><thead><tr><th>Quantity</th><th>Scalar</th><th>Vector</th></tr></thead><tbody><tr><td>energy</td><td>✓</td><td></td></tr><tr><td>speed</td><td>✓</td><td></td></tr><tr><td>weight</td><td></td><td>✓</td></tr><tr><td>acceleration</td><td></td><td>✓</td></tr><tr><td>charge</td><td>✓</td><td></td></tr><tr><td>moment</td><td></td><td>✓</td></tr></tbody></table>  one or two correct ticks = 1 mark ; three or four correct ticks = 2 marks;; all five correct ticks = 3 marks;;;	Quantity	Scalar	Vector	energy	✓		speed	✓		weight		✓	acceleration		✓	charge	✓		moment		✓	   <
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**Total for question 2 = 5 marks**