

Question number	Answer	Notes	Marks																					
2 (a)	Similarity - both have magnitude/OWTTE; Difference - vector has direction OR scalar does not have direction;		2																					
(b)	<table><tr><td>Quantity</td><td>Scalar</td><td>Vector</td></tr><tr><td>Density</td><td></td><td></td></tr><tr><td>energy</td><td></td><td></td></tr><tr><td>force</td><td></td><td></td></tr><tr><td>momentum</td><td></td><td></td></tr><tr><td>speed</td><td></td><td></td></tr><tr><td>velocity</td><td></td><td></td></tr></table> <p>One or two correct ticks = 1 mark Three or four correct ticks = 2 marks All five correct ticks = 3 marks</p>	Quantity	Scalar	Vector	Density			energy			force			momentum			speed			velocity			Ignore density (already completed)	3
Quantity	Scalar	Vector																						
Density																								
energy																								
force																								
momentum																								
speed																								
velocity																								

Total 5 marks