

Multiple Choice Answers

Q3: C

Multiple Choice Answers

Q4: A

2(a)	(gravitational field strength is) force per unit mass (on an object in a gravitational field)
2(b)(i)	16 N
	$W = mg$ OR ($m =$) $W \div g$ OR $42 / 9.8$ OR (mass of object =) 4.3 (kg)
2(b)(ii)	$1.6 \times 10^{20} \text{ m}^3$
	$(V =) m / \rho$ OR $(V =) 6.4 \times 10^{23} / 3900$
2(c)(i)	arrow parallel to driving force AND pointing to the right
2(c)(i)	(arrow pointing to the right) labelled 30 N
2(c)(ii)	1 (resultant force) increases OR there is a resultant force (in the direction of the driving force)
	OR 2 resultant force = driving force – resistive force(s)

Multiple Choice Answers

Q2: B

Q3: C

Multiple Choice Answers

Q4: D

Q6: A