

Q1. (2017)

3	$w = \frac{y}{2x}$	B1	
	Additional Guidance		

Q2. (2018)

21(b)	their 3.125×12^3 their 3.125×1728 or $1600 \times \left(\frac{12}{8}\right)^3$ or $12^3 \div \text{their } 0.32$ or $1728 \div 0.32$ or $1600 \div \left(\frac{8}{12}\right)^3$	M1	oe
	5400	A1ft	oe ft their 3.125 provided using $m = \text{their } 3.125 \times h^3$
	Additional Guidance		
	Must use $\times 12^3$ or $\times 1728$ or $\times \left(\frac{12}{8}\right)^3$ for M1		
	If in part (a) $m = k \times h$ $1600 = k \times 8$ $m = 200h$ and in part (b) $m = 200 \times 12, m = 2400$		M0 part (a) M0 part (b)
	If in part (a) $m = k \times h$ $1600 = k \times 8$ $m = 200h$ and in part (b) $m = 200 \times 12^3, m = 345\,600$		M0 part (a) M1A1ft part (b)

Q3. (2019)

8	$x = \frac{y+2}{3}$	B1	
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Q4. (2020)

Q	Answer	Mark	Comments
13(b)	Valid evaluation	B1	eg she needs to divide 10 by 2 or the answer should be $3c + 5$
	Additional Guidance		
	Do not award marks when an incorrect statement or incorrect algebra is seen with a correct statement or correct algebra		
	She needs to add 5 not 10		B1
	She must divide all of the numerator by 2		B1
	She must divide everything by 2		B1
	She should divide both sides by 2		B0
	She needs to work out $6c + 10$ then divide by 2		B0
	Her method is wrong		B0
	$3c + 5$ alone		B0

