

Question		Answer	Marks	Part Marks and Guidance	
1		51	4	<b>B3</b> for 51.5151... rot OR <b>B1</b> for use of 25.5 (kg) or 25500 (g) <b>B1</b> for use of 0.495 (kg) or 495 (g) <b>M1</b> for $\frac{\text{their } 25500}{\text{their } 495}$	Leading to their answer Leading to their answer  For <b>M</b> mark allow any $\frac{\text{sack weight}}{\text{bag weight}}$  eg $\frac{2500}{500}$

2		No with correct supporting work	3	<b>M2</b> for 604 compared with 595 or for 604 compared with 600 <b>Or M1</b> for $8 \times 75.5$ soi by 604 <u>OR</u> <b>M2</b> for 595 compared with $8 \times 75$ <b>Or M1</b> for 595 used	Condone use of 75.49[9..] soi by 603.92  <u>OR</u> <b>M2</b> for $\frac{595 \text{ to } 605}{74.5 \text{ to } 75.5}$ <u>AND</u> answer less than 8 <b>Or M1</b> for $\frac{595 \text{ to } 605}{74.5 \text{ to } 75.5}$ For M1, NOT <b>both</b> 600 & 75
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3			50400 nfw	3	<b>M2</b> for using 406750 <u>and</u> 356350 Or <b>B1</b> for 406750 <u>or</u> 356350	For M2 or B1 condone use of 406749[.9..]
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4	(a)		$3 \div 0.5 = 6$ oe	1	Need to see either an approximation or 3.18	Mark best bit
	(b)	(	5.6604	1		
		(ii)	1 or 2 sf or dp	1		<b>0</b> for just '2' or '1'
		(iii)	6 or 5.7 or 5.66	1		Condone a different accuracy to b(ii)

5	(a)		21 × '2.2' > 42 or = 46.2 or 42 ÷ '2.2' < 21 or = 19.1	1	Or 1 kg ≥ 2 lb so 21 kg ≥ 42 lb oe soi Or <u>using</u> a lb/kg comparison that would lead to a correct conversion factor Or 42/21 = 2 and correctly comparing with some conversion factor	Allow any conversion factor from 2 to 2.5 or 0.4 to 0.5
			'Yes' oe	1	Dependent on correct work	
	(b)		40.5 39.5	2	Condone 40.49[99..] or 40.50[0..] and 39.50[0..] <b>B1</b> for one value correct in correct place or for both correct values reversed	
	(c)		365.3 to 365.5 or 365	2	<b>M1</b> for 17 × 21.5	Condone 21.49[99..]

6	(a)	Correct front elevation <u>with or without</u> join lines or other interior lines	2	<b>M1</b> for 9cm by 1cm rectangle seen or for a 3cm by 1cm rectangle seen	Condone freehand  Allow $3.5 \pm 0.2$ cm Hidden edges dotted or solid
		Correct plan <u>including</u> two hidden edges only	2	<b>M1</b> for 9cm by 3.5cm rectangle seen  <i>For reversed answers, mark as scheme and then -1</i>	
	(b)	52 500 or 0.0525	3	isw after a correct answer if attempt to convert to other units  <b>M2</b> for complete correct method Or <b>M1</b> for correct method for one relevant volume  Or <b>SC2</b> for answer 52.5 from using measurements from part (a)	<i>Accept lengths in metres, consistent and correct</i>  <b>eg</b> <b>M2</b> for $90 \times 35 \times 10 + 30 \times 35 \times 10 \times 2$ Or <b>M1</b> for $90 \times 35 \times 10$ (31500) or $30 \times 35 \times 10$ [ $\times 2$ ] (10500, 21000) <b>OR</b> <b>M2</b> for $90 \times 40 \times 35 - 70 \times 30 \times 35$ Or <b>M1</b> for $90 \times 40 \times 35$ (126000) or $70 \times 30 \times 35$ (73500) etc
		cm <sup>3</sup> or in words or m <sup>3</sup> or in words	1	Independent	
	(c)	UB = 75.5 LB = 74.5	1 1	Condone 75.5[0] or 75.49[9..] Condone 74.5[0] After <b>0</b> scored allow: <b>SC1</b> for one correct value in wrong position	