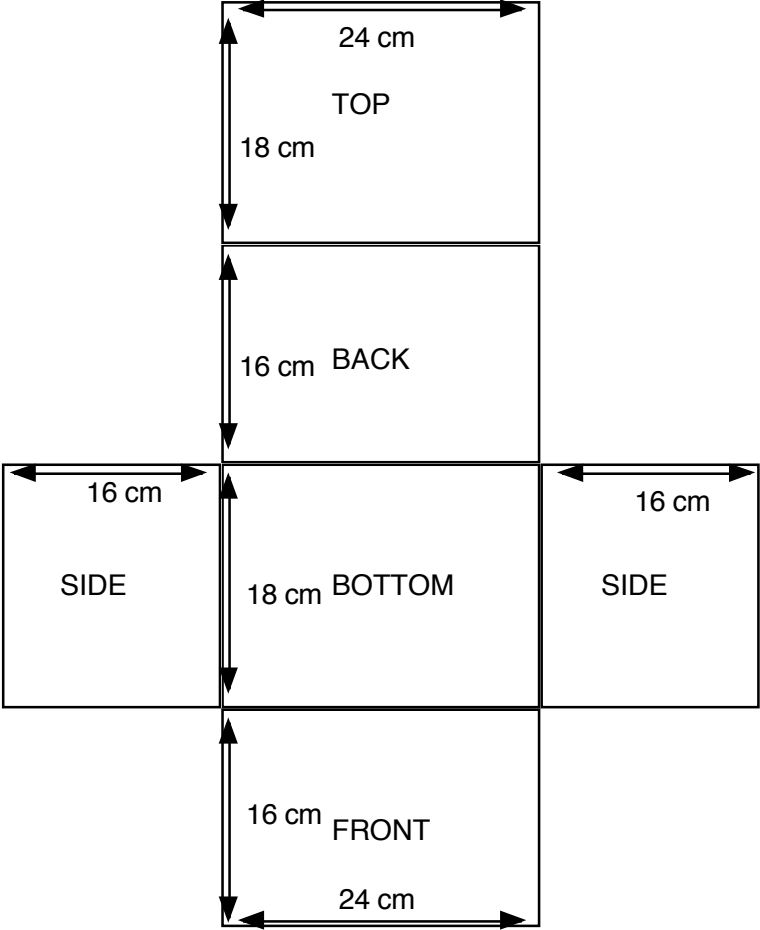


RUBRICS TEST MS – 2**SECTION A****Short Tasks**

Task number	Answer	Points
1.	110	1
2.	30240	1
3.	$y = 3x^2 - 2$	1
4.	$4\sqrt{13}\text{in}$ or 14.4 in	1
5.	1/39	1

Suzi's Company		Rubric										
		points	section points									
1.a	Table completed correctly. Gives correct answer: total \$680 000	1										
b	Gives correct answer: \$45 333 and shows calculation <u>680000</u> 15	1ft										
<table border="1" style="margin: auto;"> <tr><td style="text-align: center;"><i>Total</i></td></tr> <tr><td style="text-align: center;">\$100 000</td></tr> <tr><td style="text-align: center;">\$80 000</td></tr> <tr><td style="text-align: center;">\$80 000</td></tr> <tr><td style="text-align: center;">\$150 000</td></tr> <tr><td style="text-align: center;">\$80 000</td></tr> <tr><td style="text-align: center;">\$150 000</td></tr> <tr><td style="text-align: center;">\$40 000</td></tr> <tr><td style="text-align: center;">\$680 000</td></tr> </table>		<i>Total</i>	\$100 000	\$80 000	\$80 000	\$150 000	\$80 000	\$150 000	\$40 000	\$680 000		3
<i>Total</i>												
\$100 000												
\$80 000												
\$80 000												
\$150 000												
\$80 000												
\$150 000												
\$40 000												
\$680 000												
2.a	Gives correct explanation such as: He has not looked at how many people earn each salary	1										
b	Gives correct answer: \$30 000	1	2									
3.a	Gives correct answer: \$40 000	1										
b	There are 15 people. The middle person, the 8 th person, gets \$40 000	1	2									
4.	Gives correct answer: Mean Gives correct explanation such as: That is the highest of the three.	1ft 1ft	2									
5.a	Gives correct answer: Mode	1	1									
Total Points			10									

Fencing	Rubric	
	points	section points
<p>1. Gives correct answer: \$94.</p> <p>Candidates may solve this in various ways, possibly including solution of the simultaneous equations</p> $5x + 4y = 122 \text{ and } 21x + 20y = 570$ <p>to give $x = 10$ and $y = 18$</p> <p>Shows that these are solutions</p>	5	
	5	10
Total Points		10

	Smoothie Box	Points	Section points
1.	<p>Draws net of a closed box such as diagram below.</p> <p>Correct measurements on a net. Height 15.5 or 16 Width 6 x 2 or 3 or 1 Length 6 x 6 or 4 or 12 <i>Partial credit</i></p> <p>Correct measurements not on a net.</p> <p>Net holds exactly 12 bottles. <i>Partial credit</i></p> <p>Plan or 3D drawing that holds 12 bottles.</p>  <p>Special case: Correct 3D drawing maximum 7</p>	<p>2</p> <p>2</p> <p>2</p> <p>2</p> <p>3 x (1)</p> <p>2</p> <p>(1)</p>	
	Total		10

	Spinner Bingo	Points	Section points
1.	Shows some evidence of working out probabilities or possible scores on diagram or listing.	1	
	Complete listing or lattice diagram or distribution of scores.	1	
	States that: Card B: 1 and 17 are impossible, so this card cannot win.	2	
	Card C: contains extreme/unlikely numbers because they have few combinations.	1	
	Card A: contains middle/more likely numbers because they have more combinations.	1	
	Compares cards: Card A is the most likely to win.	1	7
2.	Chooses numbers in the range 2 to 16.	1	
	Chooses numbers in the range 5 to 13.	1	
	States reasons for choice	1	3
	Total		10