## RUBRICS TEST MS - 2

## SECTION A

## Short Tasks

| Task number | Answer | Points |
| :---: | :--- | :---: |
| 1. | $\mathbf{1 1 0}$ | 1 |
| 2. | $\mathbf{3 0 2 4 0}$ | 1 |
| 3. | $\mathbf{y}=\mathbf{3 x}^{2}-\mathbf{2} 13$ in or $\mathbf{1 4 . 4}$ in | 1 |
| 4. | $\mathbf{1} / 39$ | 1 |
| 5. |  |  |



| Buying Chips and Candy | Rubric |  |
| :---: | :---: | :---: |
|  | points | section points |
| 1. Gives a correct explanation such as: <br> It stands for the 375 cents that Ralph spent. (Must have correct units) | 2 | 2 |
| 2. Writes a correct equation such as: $\mathbf{4 p}+\mathbf{2 b}=\mathbf{3 0 0}$ <br> Partial credit <br> For an almost correct equation. (Left hand side of equation must be correct) | 2 <br> (1) | 2 |
| 3. Gives correct answers: $\mathbf{4 5}$ cents or $\mathbf{\$ 0 . 4 5}$ and 60 cents or $\$ 0.60$ <br> Shows correct work such as: $\begin{aligned} & 8 p+4 b=6 \\ & \text { subtract } 3 p+4 b=375 \\ & 5 p=225 \\ & P=45 \\ & 4 \times 45+2 b=300 \\ & 2 b=120 \\ & b=60 \end{aligned}$ <br> Partial credit <br> For some correct work. | $2 \times 1 \mathrm{ft}$ <br> 2 ft <br> (1 ft) | 4 |
| 4. Gives a correct answer: no and Shows a correct calculation such as: $0.60+0.45=1.05$ | 2 ft | 2 |
| Total Points |  | 10 |


| Suzi's Company | Rubric |  |
| :---: | :---: | :---: |
|  | points | section points |
| 1.a Table completed correctly. <br> Gives correct answer: total \$680 000 <br> b Gives correct answer: \$45 333 <br> and shows calculation <br> 680000 <br> 15 | 1 <br> 1 <br> 1ft | 3 |
| 2.a Gives correct explanation such as: He has not looked at how many people earn each salary <br> b Gives correct answer: \$30 000 | 1 <br> 1 | 2 |
| 3.a Gives correct answer: \$40 000 <br> b There are 15 people. The middle person, the $8^{\text {th }}$ person, gets $\$ 40000$ | $\begin{aligned} & 1 \\ & 1 \end{aligned}$ | 2 |
| 4. Gives correct answer: Mean <br> Gives correct explanation such as: That is the highest of the three. | 1 ft <br> 1 ft | 2 |
| 5.a Gives correct answer: Mode | 1 | 1 |
| Total Points |  | 10 |


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


|  | Smoothie Box | Points | Section points |
| :---: | :---: | :---: | :---: |
| 1. | Draws net of a closed box such as diagram betow. <br> Correct measurements on a net. <br> Height 15.5 or 16 <br> Width $6 \times 2$ or 3 or 1 <br> Length $6 \times 6$ or 4 or 12 <br> Partial credit <br> Correct measurements not on a net. <br> Net holds exactly 12 bottles. <br> Partial credit <br> Plan or 3D drawing that holds 12 bottles. <br> Special case: Correct 3D drawing maximum 7 | $\begin{gathered} 2 \\ \\ 2 \\ 2 \\ 2 \\ 3 \times(1) \\ 2 \\ (1) \end{gathered}$ | 10 |
|  | Total |  | 10 |


|  | Spinner Bingo | Points | Section points |
| :---: | :---: | :---: | :---: |
| 1. | Shows some evidence of working out probabilities or possible scores on diagram or listing. <br> Complete listing or lattice diagram or distribution of scores. <br> States that: <br> Card B: 1 and 17 are impossible, so this card cannot win. <br> Card C: contains extreme/unlikely numbers because they have few combinations. <br> Card A: contains middle/more likely numbers because they have more combinations. <br> Compares cards: Card A is the most likely to win. | 1 <br> 1 <br> 2 <br> 1 <br> 1 | 7 |
| 2. | Chooses numbers in the range 2 to 16 . <br> Chooses numbers in the range 5 t 013 . <br> States reasons for choice | $1$ <br> 1 | 3 |
|  | Total |  | 10 |

