

Maths

| No. | TEST ITEMS | WORKING COLUMN | Do <br> Not <br> Write <br> Here |
| :---: | :---: | :---: | :---: |
| 4. | Circle the numbers that have a sum of 789 . <br> (a) $700,89,9$ <br> (b) $700,800,9$ <br> (c) $70,80,9$ <br> (d) $700,79,10$ <br> Answer: 700, 79, 10 | We check all options to determine which one has a sum of 789 . <br> (a) $700+89+9=789+9$ $=798$ <br> Clearly this not equal to 789. <br> (b) $700+800+9=1500+9$ $=1509$ <br> Clearly this is not equal to 789 <br> (c) $70+80+9=150+9=159$ <br> Clearly this is not equal to 789 <br> (d) $700+79+10=779+10$ $=789$ <br> We now conclude that (d) is the correct answer |  |


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| 5. |  |
| There are 6 honeycomb cells |  |
| around cell $A$. |  | | Cell $A$ has 6 cells around it. |
| :--- |
| Cell $B$ has $6+2=8$ cells around it. |
| So Cell $C$ should have $8+2=10$ cells |
| around it. |
| We verify by drawing |

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| 9. | Deo planted 192 corn plants in rows. Each row had 8 plants. <br> How many rows of corn did he plant? <br> Answer: 24 rows | Number of corn plants $=192$ <br> Number of plants in a row $=8$ <br> Therefore, the number of rows will be the number of groups of 8 in 192. This will be $192 \div 8=24$ <br> $=24$ rows |  |

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| 11. | Tick $(\checkmark)$ the most suitable unit used to measure the distance from San Fernando to Port of Spain. Centimetre (cm) Kilometre (km) Metre (m) | A centimetre is about the length of one finger nail. <br> A metre is about the height of a desk. <br> A kilometre is 1000 times the length of a metre. A kilometre is about the distance around a large playground. <br> Therefore, the most suitable unit to measure the distance from San Fernando to Port of Spain is kilometres. |  |
| 12. | 5 kilometres and 200 metres, expressed in metres is --- <br> Answer: 5200 metres. | If 1 kilometre $=1000$ metres then 5 kilometres $=1000 \times 5$ $=5000 \text { metres }$ <br> 5 kilometres and 200 metres, expressed in metres $\begin{array}{r} =5000 \\ +\quad 200 \\ \hline \underline{5200} \\ \hline \end{array}$ |  |

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| 13. | The scale shown below measures mass in kilograms. <br> The mass of the bag of flour is --- <br> Answer is $4 \frac{1}{2} \mathrm{~kg}$. | The pointer on the scale is pointing halfway between 4 and the next number. Though the next number after 4 is marked 0 , it also represents 5. <br> The mass of flour in the bag is therefore, $4 \frac{1}{2} \mathrm{~kg}$. |  |


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| 14. | A cinema show started at the time shown below. <br> What time did the show start? <br> Answer: 3 o'clock <br> Patrick left home $1 \frac{1}{2}$ hours before the show started. What time did he leave home? <br> Answer: Half past one | a. Since the minute hand or longer hand of the clock points to 12, the time is an exact hour. <br> The shorter hand or hour hand points to 3. <br> The time is 3 o'clock which is the time that the show started. <br> b. Counting backwards from $3 \mathrm{o}^{\prime}$ clock. <br> One hour before 3 o'clock is 2 o'clock. <br> $\frac{1}{2}$ hour before 2 o'clock is $^{\text {o }}$ half past one. <br> Therefore, $1 \frac{1}{2}$ hours, before 3 o'clock is half past 1 or 1:30. Therefore, Patrick left home at half past one. |  |



\begin{tabular}{|c|c|c|c|}
\hline No. \& TEST ITEMS \& WORKING COLUMN \& \begin{tabular}{l}
Do \\
Not \\
Write \\
Here
\end{tabular} \\
\hline 16.
a.

b. \& \begin{tabular}{l}
Nicole and Patsy rented the same car from Econo Car Rentals. \\
Nicole rented the car for 6 weeks at $\$ 325$ per week. How much did she pay to rent the car? \\
Answer: \$1950 \\
Patsy rented the car for 2 weeks and paid $\$ 670$. Who paid less money per week? \\
Answer: Nicole

 \& 

b. The rent of the car per week is $\$ 325$. \\
Rent paid by Nicole for all 6 weeks

$$
\begin{aligned}
& =\$ 325 \times 6 \\
& =(\$ 300+\$ 25) \times 6 \\
& =\$ 300 \times 6+\$ 25 \times 6 \\
& =\$ 1800+\$ 150 \\
& =\$ 1950
\end{aligned}
$$ \\

c. For 2 weeks, Patsy paid $\$ 670$. Therefore, cost per week for the rental of Patsy's car $=\$ 670 \div 2$ \\
= \$335 \\
$\$ 335$ per week is paid by Patsy. $\$ 325$ per week is paid by Nicole. \$325 is less than \$335. Therefore, Nicole paid less money per week than Patsy.
\end{tabular} \& \\

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\end{tabular}

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| Which of the following shapes |
| has only one line of symmetry? | Shape $A$ has 2 lines of symmetry.

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| 18. | The box below is filled with cubes of the same size. <br> How many cubes were packed in the bottom layer of the box? <br> Answer: $\mathbf{2 0}$ cubes <br> How many cubes are needed to completely fill the box? <br> Answer: 120 cubes | a. The bottom layer of the box has 4 rows with 5 cubes each. <br> The number of cubes in the bottom layer of the box is $5 \times 4=20$ cubes. <br> b. Each layer of the box will have 20 cubes. We count the number of layers needed to fill the box as shown. <br> A full box has 6 layers of 20 cubes The number of cubes needed: $\begin{aligned} & =20 \times 6 \\ & =120 \text { cubes } \end{aligned}$ |  |





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| 22. | The following are scores of students of Standard Three in a Mathematics Test: <br> 18, 16, 12, 16, 19, 20, 18, 17, 16, 14 <br> What is the mode? <br> Answer: 16 | Rewriting the scores in a table: <br> The score which occurs most often is 16 . Therefore, the mode is 16 . |  |
| 23. | The table below shows the shoe sizes of a class of Standard Three students. <br> There are 50 students in the class. How many students wear Size 5? <br> Answer: 15 | The total number of students in the class is 50 . <br> The number of students who wear sizes 4,6 and $7=18+15+2=35$ 35 students do not wear sixe 5 <br> The number of students who wear size 5 shoes = Total number in the class - the number who do not wear size 5 $=50-35=15$ |  |

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| 24. | The pictograph below shows the favourite movies of students in a class. <br> Our Favourite Movies <br> How many students chose Thor as their favourite movie? <br> Answer: 6 <br> How many students are in the class? <br> Answer: 20 | a. <br> One picture represents 2 students. Three pictures will represent $3 \times 2$ $=6$ students <br> Therefore, the number of students who chose Thor as their favourite movie is 6 . <br> b. <br> The total number of pictures $\begin{aligned} & =3+5+2 \\ & =10 \end{aligned}$ <br> Number of students in class $\begin{aligned} & =2 \times 10 \\ & =20 \text { students } \end{aligned}$ |  |


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| 25. | The bar graph below shows the number of days four students attended school for one term. <br> Student Attendance <br> How many days did Brian attend school during the term? <br> Answer: 20 days <br> Which student attended school for five more days than Dave? <br> Answer: Alya | a. The height of the bar representing Brian's attendance is 20 . <br> Student Attendance <br> Brian attended school for 20 days of the term. <br> b. <br> Student Attendance <br> Dave attended school for 30 days. <br> 5 more days will be $30+5=35$ days. <br> Alya attended school for 35 days which is 5 more days than Dave. |  |



## END OF TEST

