## Name:

$\qquad$ Date: $\qquad$ Class/Group: $\qquad$

| A: Place Value, Add, Subtract, Multiply and Divide |  |  | B: Fractions, Ratio, Proportion and Algebra |  | C: Measure, Position and Direction |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1. Write in words: $2,034,601$ | 6:1 <br> Two million, thirty four thousand, six hundred and one. |  | 11. Simplify this fraction fully: $\frac{18}{54}$ | 6:7 $\frac{1}{3}$ | 21.400 ml of water are poured out of a 2.25 litre bottle. How much is left? |  | $\begin{array}{\|c\|} \hline \text { 6:18/19 } \\ \text { 1.85I or } \\ \mathbf{1 , 8 5 0 m l} \end{array}$ |
| 2. What is the valu number? | $f$ the $\mathbf{3}$ in this $34,721$ | $\begin{aligned} & \hline 6: 1 \\ & 300,000 \end{aligned}$ | 12. $1 \frac{2}{3}-\frac{3}{4}=$ | $\begin{aligned} & 6: 8 \\ & \frac{\mathbf{1 1}}{12} \end{aligned}$ | 22. How many hours are there in three days? |  | 6:19 ${ }^{18} \mathbf{7 2}$ |
| 3. Round 7.186 to number. | nearest whole | $\begin{aligned} & 6: 1 \\ & 7 \end{aligned}$ | 13. $\frac{1}{3} \div 3=$ | 6:9 ${ }^{\text {6 }}$ | 23. These rectangles have the same area. Find the missing side length. |  | 6:20 $\begin{array}{r} \\ \\ 3\end{array}$ |
| 4. The temperatu $-11^{\circ} \mathrm{C}$. What is the | rops from $1^{\circ} \mathrm{C}$ to ference? | 6:2 <br> $12^{\circ} \mathrm{C}$ | 14. What is the value of the $\mathbf{8}$ in this number: $25.738$ | 6:10 $\frac{8}{1000}$ |  |  |  |
| $5 . \quad 2,14$ | 32 | $\begin{aligned} & 6: 3 \\ & 68,480 \end{aligned}$ | 15. Give your answer as a decimal: $26 \div 8$ | $3.25$ | 24. What are the co-ordinates of $\mathbf{A}$ ? |  | 6:27 |
| 6. 7,24 | 17 | 6:3 ${ }^{\text {626 }}$ | 16. Write this fraction as a decimal and a percentage. | $\begin{array}{r} 6: 12 \\ 0.5 \\ 50 \% \end{array}$ | $\begin{array}{\|l\|l\|l\|l\|l\|} \hline & & & & 4 \\ 3 \end{array}$ |  |  |
| 7. 15 and 27 only have two common factors. What are they? |  | 6:4 <br> 1 and 3 | 17. Find 75\% of 520. | $\begin{aligned} & \hline \text { 6:13 } \\ & 390 \end{aligned}$ |     2 <br> 1     |  | $(-3,-1)$ |
| 8. The number 30 has three prime factors. What are they? |  | 2, 3, <br> and 5 | 18. The ratio of cats to dogs $3: 2$. If there are 15 cats, how many dogs? | $\begin{array}{r} \hline \text { 6:14 } \\ 10 \end{array}$ |  |  |  |
| 9. $(25+13) \div 2$ |  | 6:5 | 19. I have $m$ pence. I spend 17 p. Write an expression for this. | $\begin{aligned} & 6: 15 \\ & m-17 \end{aligned}$ |  | $\square$ |  |
| 10. How many 52 school need for 1 | ter buses does a upils and staff? | 6:6 | 20. Write a possible value for $\mathbf{a}$ and $\mathbf{b}$. $2 \times \mathbf{a}+\mathbf{b}=17$ | 6:17 <br> Any 2 that work | 25. Translate triangle ABC 5 units right and 2 units up. |  | 6:28 |
| Total (A) |  |  | Total (B) |  | Total (C) |  |  |
| Test Total ( $A+B+C$ ) |  |  | R (0-9) | Y (10-19) |  | G (20-25) |  |

