## Stage 6: Skill Check 4 Answers

## Maths Key Skills

Name:			Date:		C	lass/Group:		
A: Place Value, Add, Subtract, Multiply and Divide			B: Fractions, Ratio, Proportion and Algebra		C: Measure, Position and Direction			
1. Write in words:6:12,034,601Two million, thirty four thousand, six hundred and one.		11. Simplify this fraction fully:	<u>18</u> 54	6:7 <u>1</u> <u>3</u>	21. 400ml of water are poured out of a 2.25 litre bottle. How much is left?		<sup>6:18/19</sup> 1.85l or 1,850ml	
2. What is the value of the <b>3</b> in this number?6:1 <b>300,000</b>		6:1 <b>300,000</b>	<sup>12.</sup> $1\frac{2}{3}-\frac{3}{4}=$		6:8 <u>11</u> 12	22. How many hours are there in three days?		6:19 <b>72</b>
3. Round 7.186 to the nearest whole number.		6:1 <b>7</b>	13. $\frac{1}{3} \div 3 =$		6:9 <u>1</u> 9	23. These rectangles have the <b>same</b> <b>area</b> . Find the missing side length.		6:20 <b>3</b>
4. The temperature drops from 1°C to -11°C. What is the difference?		6:2 <b>12°C</b>	14. What is the value of the <b>8</b> in t number: 25.738	his	6:10 <u>8</u> <b>1000</b>	4cm ↓ ← 6cm →	€	
5. 2,140 x 32 <sup>6:3</sup> <b>68,480</b>		6:3 68,480	15. Give your answer as a decimal: 26 ÷ 8		6:11 <b>3.25</b>	24. What are the co-ordinates of <b>A</b> ?		
6. 7,242 ÷ 17 6:3 <b>4</b> ;		6:3 <b>426</b>	16. Write this fraction as a <b>decimal</b> and a <b>percentage</b> .	$\left(\frac{1}{2}\right)$	6:12 <b>0.5,</b> <b>50%</b>		-4	
7. 15 and 27 only have two <b>common</b> factors. What are they?		<sup>6:4</sup> 1 and 3	17. Find <b>75%</b> of 520.		6:13 <b>390</b>		2	(-3,-1)
8. The number 30 has <b>three prime</b> <b>factors</b> . What are they?		<sup>6:4</sup> <b>2, 3,</b> and 5	18. The ratio of cats to dogs 3:2. I there are 15 cats, how many dogs	f ;?	6:14 <b>10</b>		-1 -2	
9. (25 + 13	3) ÷ 2	6:5 <b>19</b>	19. I have <b>m</b> pence. I spend 17p. V an expression for this.	Write	<sup>6:15</sup> <b>m – 17</b>	В	-3 C-4 -5	
10. How many 52-seater buses does a school need for 198 pupils and staff?6:64		6:6 <b>4</b>	20. Write a possible value for <b>a</b> and <b>b</b> . 2 x <b>a</b> + <b>b</b> = 17		6:17 Any 2 that work	25. <b>Translate</b> triangle <b>ABC</b> 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	G (20-25)		