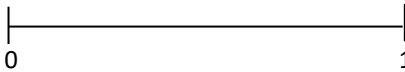
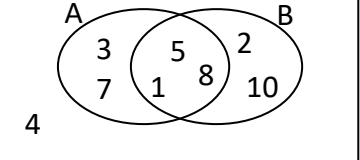
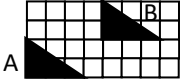
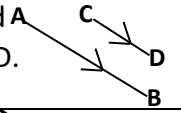
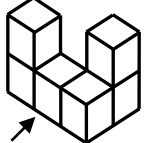
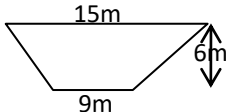
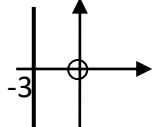
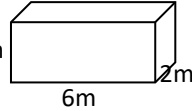
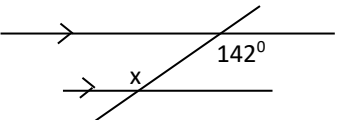


Maths Key Skills

Name: Date:

Stage 7: Skill Check 5

Class/Group:

A: Number & Algebra		B: Proportion, Geometry & Measure		C: Statistics & Probability															
1. Insert one of these symbols in the box: = < > ≤ ≥	7:1 $\frac{5}{6} \square \frac{2}{3}$	11. Reduce to its lowest form: £1 : 30p	7:15	21. Indicate the position of the probability of choosing a blue ball from a bag of 3 red and 5 blue balls.	7:27														
2. Which is bigger? $\frac{15}{20}$ or 74%	7:2	12. Divide 70m in a ratio of 3:4 Give the answer as a ratio.	7:16																
3. Give the LCM of 8 and 4.	7:3	13. Express £3 as a percentage of £20.	7:17	22. List the elements of A'															
4. Insert one of these symbols in the box: = < > ≤ ≥	7:4 $\sqrt[3]{125} \square 2^2$	14. Describe the transformation A to B. 	7:19																
5. Work out & simplify: $\frac{3}{5} \times 1\frac{1}{2}$	7:6	15. Fill in the missing word A AB is to CD. 	7:20	23. 36 pupils were asked to name their favourite subject. These are the results:	7:29														
6. Work out: $8 \times (6 - 2) + 3$	7:7	16. Sketch the front elevation. 	7:21	<table border="1" data-bbox="1601 702 1859 861"> <tr><td>Science</td><td>4</td></tr> <tr><td>Maths</td><td>15</td></tr> <tr><td>English</td><td>12</td></tr> <tr><td>French</td><td>5</td></tr> </table>	Science	4	Maths	15	English	12	French	5							
Science	4																		
Maths	15																		
English	12																		
French	5																		
7. Expand & simplify: $5(x - 2) - 3(x - 2)$	7:10	17. Work out the area of this trapezium. 	7:22	If the data was represented in a pie chart, what size angle would be 'English'?															
8. Evaluate: $2a + b$ when $a = -2, b = -3$	7:11	18. Give the number of edges, vertices and faces in a cuboid.	7:23 E= V= F=	24. Work out the range : 4, 3, 1, 3, 4, 5, 2, 1, 4	7:30														
9. Give the equation of the graph. 	7:12	19. Work out the volume of this cuboid. 	7:24	25. Work out the modal score:	7:30														
10. Solve: $2(x - 3) = 1$	7:13	20. $x = 142^\circ$. Give the reason. 	7:25	<table border="1" data-bbox="1579 1157 1870 1412"> <thead> <tr><th>Score</th><th>Frequency</th></tr> </thead> <tbody> <tr><td>1</td><td>3</td></tr> <tr><td>2</td><td>5</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>2</td></tr> <tr><td>6</td><td>3</td></tr> </tbody> </table>	Score	Frequency	1	3	2	5	3	3	4	4	5	2	6	3	
Score	Frequency																		
1	3																		
2	5																		
3	3																		
4	4																		
5	2																		
6	3																		
Total (A)		Total (B)		Total (C)															
Test Total (A+B+C)		R (0-9)	Y (10-19)	G (20-25)															