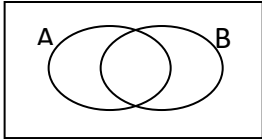
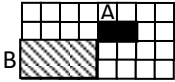
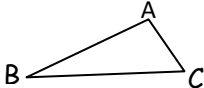
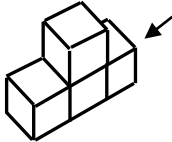
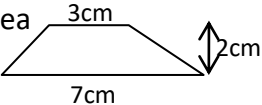
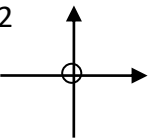

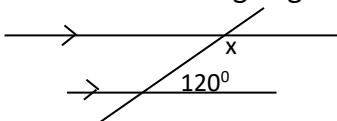


Maths Key Skills

Stage 7: Skill Check 2

Name: Date:

Class/Group:

A: Number & Algebra		B: Proportion, Geometry & Measure		C: Statistics & Probability											
1. Insert one of these symbols in the box: = < > ≤ ≥	7:1 5 <input type="text"/> -5	11. Reduce to its lowest form: 14 : 21	7:15	21. Write down the probability of rolling an odd number with a dice.	7:27										
2. Which is bigger? 40% or $\frac{2}{5}$	7:2	12. Divide £28 in a ratio of 2:5 Give the answer as a ratio.	7:16												
3. Give the LCM of 10 and 15.	7:3	13. Write 20 as a percentage of 50	7:17	22. Shade set A ∪ B 	7:28										
4. Insert one of these symbols in the box: = < > ≤ ≥	7:4 2^3 <input type="text"/> $\sqrt{36}$	14. Describe the transformation A to B 	7:19												
5. Work out & simplify: $\frac{3}{8} \div \frac{4}{5}$	7:6	15. Place an arc at $\angle BCA$. 	7:20	23. 60 pupils were asked to name their favourite colour. These are the results: <table border="1" data-bbox="1599 699 1859 903"> <tr><td>Red</td><td>18</td></tr> <tr><td>Black</td><td>15</td></tr> <tr><td>Green</td><td>12</td></tr> <tr><td>Blue</td><td>12</td></tr> <tr><td>Yellow</td><td>3</td></tr> </table>	Red	18	Black	15	Green	12	Blue	12	Yellow	3	7:29
Red	18														
Black	15														
Green	12														
Blue	12														
Yellow	3														
6. Work out: $4^2 \div (4 - 2)$	7:7	16. Sketch the side elevation. 	7:21												
7. Expand & simplify: $2(2x + 1) + 3(x - 2)$	7:10	17. Work out the area of this trapezium. 	7:22	24. Work out the median score: 5, 5, 7, 1, 13, 9	7:30										
8. Evaluate: $3a - 5$ when $a = -1$	7:11	18. Give the number of edges, vertices and faces in a cuboid.	7:23 E= V= F=												
9. Draw the graph of $y = 2$ on the grid. 	7:12	19. Work out the surface area of this 2cm cube. 	7:24	25. Work out the mean shoe size: <table border="1" data-bbox="1581 1155 1877 1340"> <tr><td>Shoe size</td><td>Frequency</td></tr> <tr><td>4</td><td>6</td></tr> <tr><td>5</td><td>3</td></tr> <tr><td>6</td><td>1</td></tr> </table>	Shoe size	Frequency	4	6	5	3	6	1	7:30		
Shoe size	Frequency														
4	6														
5	3														
6	1														
10. Solve: $2x + 6 = 8$	7:13	20. Work out the missing angle 'x'. 	7:25												
Total (A)		Total (B)		Total (C)											
Test Total (A+B+C)		R (0-9)	Y (10-19)		G (20-25)										