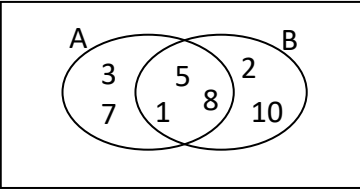

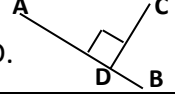
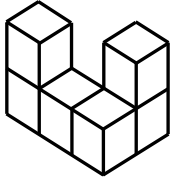
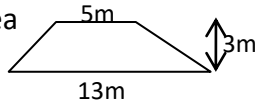
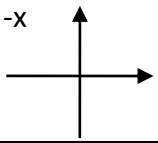
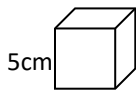
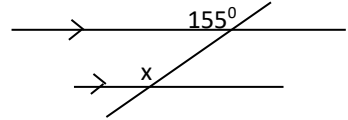


**Maths Key Skills**

Name: ..... Date: .....

**Stage 7: Skill Check 4**

Class/Group: .....

A: Number & Algebra		B: Proportion, Geometry & Measure		C: Statistics & Probability																			
1. Insert one of these symbols in the box: = < > ≤ ≥	7:1 $\frac{1}{5} \square \frac{1}{3}$	11. Reduce to its lowest form: 8 : 20	7:15	21. Write down the probability of getting a red card from a pack of cards	7:27																		
2. Which is bigger 60% or $\frac{15}{25}$ ?	7:2	12. Divide 48km in a ratio of 5:3 Give the answer as a ratio.	7:16	22. List the elements of the set $A \cap B$  	7:28																		
3. Give the HCF of 27 and 18.	7:3	13. Express £40 as a fraction of £50 (in simplest form)	7:17																				
4. Insert one of these symbols in the box: = < > ≤ ≥	7:4 $4^3 \square 9^2$	14. Describe the transformation B to A. 	7:19																				
5. Work out & simplify: $1\frac{1}{2} \div \frac{2}{5}$	7:6	15. Fill in the missing word AB is ..... to CD. 	7:20	23. 60 pupils were asked to name their favourite drink to draw a pie chart. Complete the table: <table border="1" data-bbox="1545 702 1915 949"> <thead> <tr> <th></th> <th>f</th> <th>angle</th> </tr> </thead> <tbody> <tr> <td>Tea</td> <td>12</td> <td>72°</td> </tr> <tr> <td>Milk</td> <td></td> <td>66°</td> </tr> <tr> <td>Coffee</td> <td>15</td> <td>90°</td> </tr> <tr> <td>Orange</td> <td>9</td> <td></td> </tr> <tr> <td>Water</td> <td></td> <td></td> </tr> </tbody> </table>		f	angle	Tea	12	72°	Milk		66°	Coffee	15	90°	Orange	9		Water			7:29
	f	angle																					
Tea	12	72°																					
Milk		66°																					
Coffee	15	90°																					
Orange	9																						
Water																							
6. Work out: $18 \times 2 - (4 + 7)$	7:7	16. Sketch the plan view. 	7:21																				
7. Expand & simplify: $3(2x + 1) - 3(x + 2)$	7:10	17. Work out the area of this trapezium. 	7:22																				
8. Evaluate: $1 - 2a$ when $a = -2$	7:11	18. Give the number of edges, vertices and faces in a tetrahedron.	7:23 E= V= F=	24. Work out the modal score. 4, 3, 1, 3, 4, 5, 2, 1, 4	7:30																		
9. Draw the graph of $y = -x$ on the grid. 	7:12	19. Work out the volume of this 5cm cube. 	7:24	25. Results of last 7 rowing events <table border="1" data-bbox="1478 1157 1982 1284"> <thead> <tr> <th></th> <th>Pat</th> <th>Ken</th> </tr> </thead> <tbody> <tr> <td>Mean</td> <td>15.71s</td> <td>15.28s</td> </tr> <tr> <td>Range</td> <td>9s</td> <td>11s</td> </tr> </tbody> </table>  Who has the best average time?		Pat	Ken	Mean	15.71s	15.28s	Range	9s	11s	7:30									
	Pat	Ken																					
Mean	15.71s	15.28s																					
Range	9s	11s																					
10. Solve: $3x + 13 = 4$	7:13	20. $x = 155^\circ$ . Give the reason. 	7:25																				
Total (A)		Total (B)		Total (C)																			
Test Total (A+B+C)		R (0-9)	Y (10-19)	G (20-25)																			