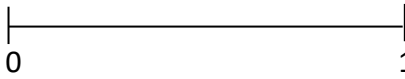
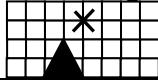
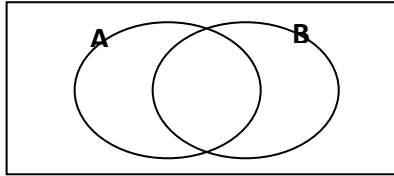
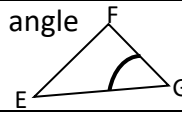
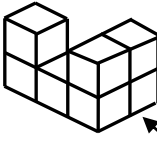
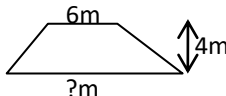

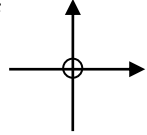
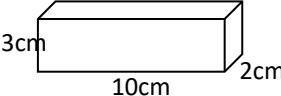
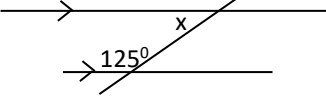


**Maths Key Skills**

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

**Stage 7: Skill Check 12**

Class/Group: .....

A: Number & Algebra		B: Proportion, Geometry & Measure		C: Statistics & Probability										
1. Insert one of these symbols in the box: = < > ≤ ≥	7:1 -6 <input type="text"/> -5	11. Reduce to its lowest form: 1.5litres : 900ml	7:15	21. Indicate the position of the probability of choosing a GIRL from a class of 3 girls and 4 boys.	7:27									
2. Which is bigger? $\frac{3}{5}$ or 35%	7:2	12. Divide £48 between A & B in a ratio of 5:3	7:16 A-..... B- .....											
3. Give the HCF of 33 and 55.	7:3	13. Express £4 as a percentage of £100.	7:17	22. Universal set={1,2,3,4,5,6,7,8,9,10} Set A = {2,4,6,8} Set B = {1,2,3,4,5} Complete the Venn diagram	7:28									
4. Insert one of these symbols in the box: = < > ≤ ≥	7:4 5 <sup>3</sup> <input type="text"/> 11 <sup>2</sup>	14. Rotate the triangle 90° acw about X. 	7:19											
5. Work out & simplify : $\frac{7}{8} \div 2\frac{2}{3}$	7:6	15. Describe the marked angle using 3 letters. 	7:20											
6. Add a bracket to make this sum correct. $10 - 2 + 2^2 = 4$	7:7	16. Sketch the side view 	7:21	23. In the last Winter Olympics Netherlands won the medals: <table border="1" data-bbox="1478 798 1736 917"> <tr><td>Gold</td><td>8</td></tr> <tr><td>Silver</td><td>7</td></tr> <tr><td>Bronze</td><td>9</td></tr> </table> If the data was represented in a pie chart, what size angle would be 'Silver'?	Gold	8	Silver	7	Bronze	9	7:29			
Gold	8													
Silver	7													
Bronze	9													
7. Expand & simplify: $2(x + 5) - (x + 4)$	7:10	17. The area of this trapezium is 40m <sup>2</sup> . Work out LENGTH? 	7:22											
8. Evaluate: $2a^2 - ab$ when a = 4, b = -3	7:11	18. Name this solid. 	7:23	24. Work out the <b>median</b> of the scores: 1, 3, 6, 14, 15, 16	7:30									
9. Draw the graph of $x = -3$ 	7:12	19. Work out the volume of this cuboid. 	7:24	25. Summary of Jayne's and Michael's last 10 scores in Science <table border="1" data-bbox="1478 1189 1982 1308"> <tr><td></td><td>Jayne</td><td>Michael</td></tr> <tr><td>Mean</td><td>72</td><td>72</td></tr> <tr><td>Range</td><td>12</td><td>18</td></tr> </table> Who had the best performance over the 10 tests?		Jayne	Michael	Mean	72	72	Range	12	18	7:30
	Jayne	Michael												
Mean	72	72												
Range	12	18												
10. Solve: $4(x + 2) = 6$	7:13	20. $x = 55^\circ$ . 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)										