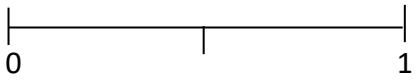
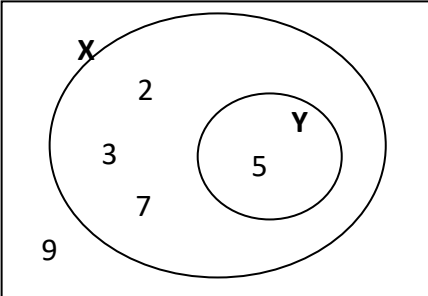
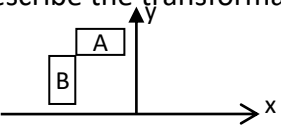
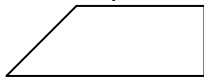
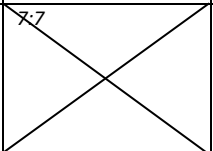
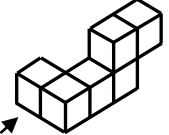
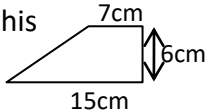

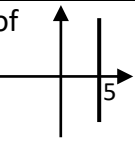
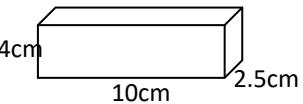
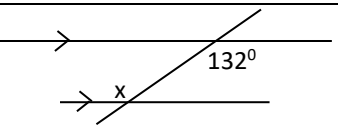


Maths Key Skills

Name: Date:

Stage 7: Skill Check 14

Class/Group:

A: Number & Algebra		B: Proportion, Geometry & Measure		C: Statistics & Probability									
1. Insert one of these symbols in the box: = < > ≤ ≥	7:1 3.4 <input type="text"/> $\frac{3}{4}$	11. Reduce to its lowest form: $1\frac{1}{2}$ hours : $2\frac{1}{2}$ hours	7:15	21. The probability of rain is 0.3 Indicate this on the scale.	7:27								
2. Which is bigger? $\frac{1}{5}$ or 15%	7:2	12. Share £88 in a ratio of 6:5	7:16 &										
3. Give the HCF of 40 and 50.	7:3	13. Express £30 as a fraction of £50.	7:17	22. List the elements in set X									
4. Insert one of these symbols in the box: = < > ≤ ≥	7:4 $\sqrt{196}$ <input type="text"/> $5^2 - 2^3$	14. Describe the transformation A to B. 	7:21	23. 180 students were asked for their favourite leisure activity. How many said TV?	7:29								
5. Work out & simplify: $1\frac{4}{5} \times \frac{2}{3}$	7:6	15. Mark a right angle and a pair of parallel lines. 	7:20										
6. Add a bracket to make this sum correct: $5 + 2 \times 3 - 1 = 9$		16. Sketch the front elevation 	7:21	24. Work out the range of the scores: 1, 3, 6, 8, 11, 13	7:30								
7. Expand & simplify: $(x - 3) + 2(2x + 3)$	7:10	17. What is the area of this trapezium? 	7:22										
8. Evaluate: $3p + 4q$ when $p = -5$, $q = -2$	7:11	18. Name this solid. 	7:23	25. Work out the range of these scores. <table border="1" data-bbox="1579 1173 1881 1332"> <thead> <tr> <th>Score</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>7</td> </tr> <tr> <td>2</td> <td>8</td> </tr> <tr> <td>3</td> <td>5</td> </tr> </tbody> </table>	Score	Frequency	1	7	2	8	3	5	7:30
Score	Frequency												
1	7												
2	8												
3	5												
9. Give the equation of this graph. 	7:12	19. Work out the surface area of this cuboid. 	7:24										
10. Solve: $2y + 5 = 2$	7:13	20. $x = 132^\circ$. Give the reason. 	7:25	Total (C)									
Total (A)		Total (B)		Total (C)									
Test Total (A+B+C)		R (0-9)	Y (10-19)		G (20-25)								