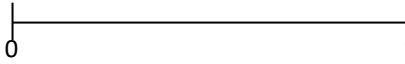
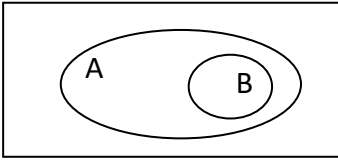
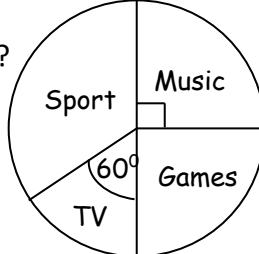


**Maths Key Skills**

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

**Stage 7: Skill Check 8**

Class/Group: .....

A: Number & Algebra		B: Proportion, Geometry & Measure		C: Statistics & Probability										
1. Insert one of these symbols in the box: = < > ≤ ≥	7:1 0.15 <input type="text"/> 0.2	11. Reduce to its lowest form: 2m : 1.5m	7:15	21. Indicate the position of the probability of choosing a black ball from a bag of 10 black balls.	7:27									
2. Which is bigger? $\frac{1}{3}$ or 30%	7:2	12. Divide 56 sweets in a ratio of 1:3 Give the answer as a ratio.	7:16											
3. Give the HCF of 14 and 21.	7:3	13. Express £5 as a fraction of £4.	7:17	22. Shade set $A \cap B$	7:28									
4. Insert one of these symbols in the box: = < > ≤ ≥	7:4 $\sqrt[3]{1}$ <input type="text"/> $1^2$	14. Reflect the shape in $y = 2$ .	7:19											
5. Work out & simplify: $1\frac{2}{3} \div 1\frac{1}{4}$	7:6	15. Draw a line perpendicular to the line AB.	7:20	23. Students were asked for their favourite leisure activity. 6 students said Music. How many said TV?	7:29									
6. Work out: $5 + 3^2 - 6 + 4$	7:7	16. Sketch the front elevation.	7:21											
7. Expand & simplify: $x(x + 3) + x(x + 1)$	7:10	17. The area of this trapezium is $24m^2$ . Work out height?	7:22											
8. Evaluate: $2a^2 - b$ when $a = 3, b = -5$	7:11	18. Give the number of edges, vertices and faces of a pentagonal prism.	7:23 E= V= F=	24. Work out the <b>median</b> of the scores: 1, 3, 6, 8, 11, 12	7:30									
9. Draw on the grid The graph of $y = x$ .	7:12	19. The volume of this cuboid is $30cm^3$ Find its width.	7:24	25. Results of last 7 rowing events	7:30									
10. Solve: $5(x - 2) = 0$	7:13	20. $x = 38^\circ$ . Give the reason.	7:25	<table border="1" data-bbox="1478 1157 1982 1284"> <tr> <td></td> <td>Pat</td> <td>Ken</td> </tr> <tr> <td>Mean</td> <td>15.71s</td> <td>15.28s</td> </tr> <tr> <td>Range</td> <td>9s</td> <td>11s</td> </tr> </table>		Pat	Ken	Mean	15.71s	15.28s	Range	9s	11s	
	Pat	Ken												
Mean	15.71s	15.28s												
Range	9s	11s												
				Who is the more consistent rower?										
Total (A)		Total (B)		Total (C)										
Test Total (A+B+C)		R (0-9)	Y (10-19)	G (20-25)										