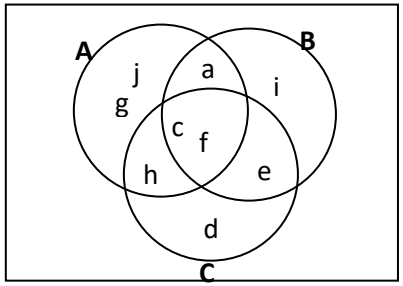
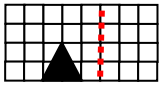
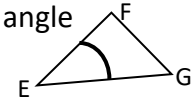
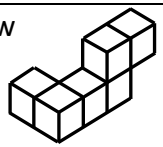
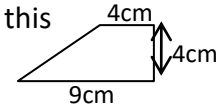
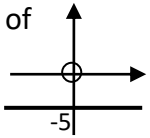
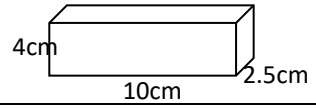
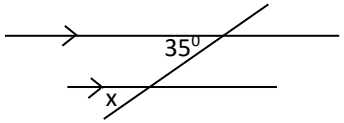
Maths Key Skills **Stage 7: Skill Check 13**

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* $0.7 \square 0.072$	11. Reduce to its lowest form: 1hour : 45min	*7:15*	21. Give the probability of getting a consonant from the word 'median'.	*7:27*
2. Which is bigger? 0.072 or 70%	*7:2*	12. Divide £54 between A & B in a ratio of 1:5	*7:16* A.....B.....	22. List the elements of $A \cap C$ 	*7:28*
3. Give the LCM of 40 and 50.	*7:3*	13. Express £30 as a percentage of £50.	*7:17*		
4. Insert one of these symbols in the box: = < > ≤ ≥	*7:4* $\sqrt{169} \square 2^2+3^2$	14. Reflect the shape in the line 	*7:19*		
5. Work out & simplify : $1\frac{4}{5} \div \frac{2}{3}$	*7:6*	15. Describe the marked angle using 3 letters. 	*7:20*		
6. Add a bracket to make this sum correct: **$6 - 2^2 \times 7 = 14$**	*7:7*	16. Sketch the plan view 	*7:21*	23. In the last Winter Olympics Netherlands won the medals:	*7:29*
7. Expand & simplify: $3(x - 3) - (x - 4)$	*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*	24. Work out the **range** of the scores: 1, 3, 6, 14, 15, 16	*7:30*
9. Give the equation of this graph. 	*7:12*	19. Work out the volume of this cuboid. 	*7:24*	25. Work out the **modal** score.	*7:30*
10. Solve: $2y - 1 = 10$	*7:13*	20. $x = 35^0$. Give the reason. 	*7:25*		

Medals

Medals	f	angle
Gold	8	120^0
Silver		105
Bronze	9	

Complete the table.

Score	Frequency
1	7
2	8
3	5

Total (A)		Total (B)		Total (C)	
Test Total (A+B+C)		R (0-9)	Y (10-19)	G (20-25)	