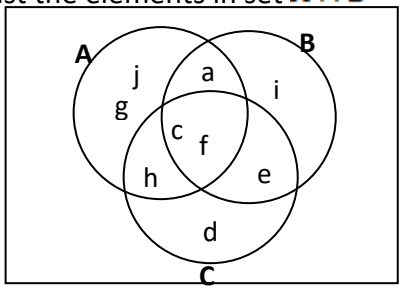
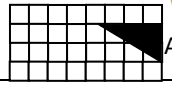
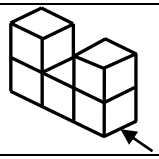
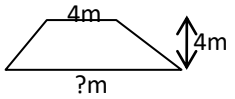
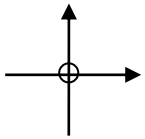
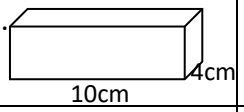
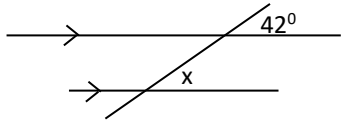
Maths Key Skills **Stage 7: Skill Check 9**

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* 0.65 ☐ 0.605	11. Reduce to its lowest form: 300g : 1.5kg	*7:15*	21. Give the probability of getting a letter 'l' from the word 'parallel'.	*7:27*
2. Which is bigger? 0.7 or 65%	*7:2*	12. Divide £56 in a ratio of 5:2 Give the answer as a ratio.	*7:16*	22. List the elements in set $A \cap B$ 	*7:28*
3. Give the LCM of 14 and 21.	*7:3*	13. Express £5 as a percentage of £4.	*7:17*		
4. Insert one of these symbols in the box = < > ≤ ≥	*7:4* $\sqrt{1}$ ☐ 1^3	14. Shape A is translated $\binom{-5}{0}$ to B Draw B 	*7:19*		
5. Work out & simplify : $2\frac{1}{3} \times \frac{2}{3}$	*7:6*	15. Draw CD parallel to the line AB. A ——— B	*7:20*	23. A survey of the types of bird in a garden was carried out. Complete the table to draw a pie chart:	*7:29*
6. Work out: (18 +3) - (4 + 2) x 3	*7:7*	16. Sketch the side view. 	*7:21*		
7. Expand & simplify: x(x - 3) + x(x + 5)	*7:10*	17. The area of this trapezium is $24m^2$. Work out LENGTH? 	*7:22*		
8. Evaluate: a^2 - ab when a = -3, b = -1	*7:11*	18. Give the number of edges, vertices and faces of a pentagonal pyramid.	*7:23* E= V= F=	24. Work out the **median** of the scores: 1, 3, 6, 7, 11, 12	*7:30*
9. Draw on the grid the graph of y = -x 	*7:12*	19. The volume of this cuboid is $200cm^3$. Find its height. 	*7:24*	25. Work out the **median** score.	*7:30*
10. Solve: 2(2x - 2) = 0	*7:13*	20. x = 42^0. 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)	

Score	Frequency
6	6
7	3
8	1
9	7
10	4

Type	f	angle
Blackbird		
Blue tit	5	100^0
Thrush		180^0