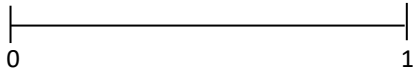
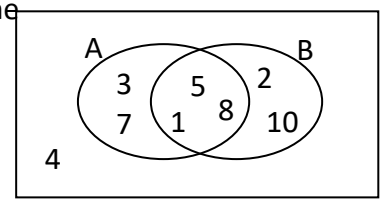
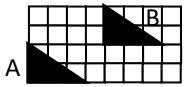
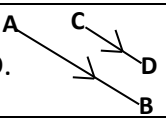
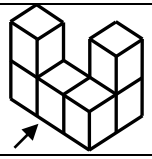
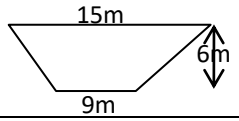
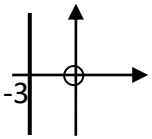
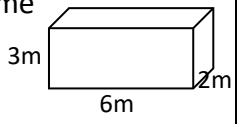
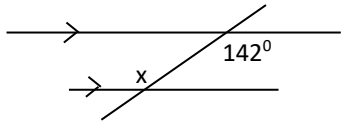
Maths Key Skills **Stage 7: Skill Check 5**

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* $\frac{5}{6} \square \frac{2}{3}$	11. Reduce to its lowest form: £1 : 30p	*7:15*	21. Indicate the position of the probability of choosing a blue ball from a bag of 3 red and 5 blue balls. 	*7:27*
2. Which is bigger? $\frac{15}{20}$ or 74%	*7:2*	12. Divide 70m in a ratio of 3:4 Give the answer as a ratio.	*7:16*		
3. Give the LCM of 8 and 4.	*7:3*	13. Express £3 as a percentage of £20.	*7:17*	22. List the elements of A' 	*7:28*
4. Insert one of these symbols in the box : = < > ≤ ≥	*7:4* $\sqrt[3]{125} \square 2^2$	14. Describe the transformation A to B. 	*7:19*		
5. Work out & simplify : $\frac{3}{5} \times 1\frac{1}{2}$	*7:6*	15. Fill in the missing word AB is ..... to CD. 	*7:20*	23. 36 pupils were asked to name their favourite subject. These are the results:	*7:29*
6. Work out: 8 × (6 - 2) + 3	*7:7*	16. Sketch the front elevation. 	*7:21* 3m		
7. Expand & simplify: 5(x - 2) - 3(x - 2)	*7:10*	17. Work out the area of this trapezium. 	*7:22*		
8. Evaluate: 2a + b when a= -2, b= -3	*7:11*	18. Give the number of edges, vertices and faces in a cuboid.	*7:23* E= V= F=	24. Work out the **range:** 4, 3, 1, 3, 4, 5 ,2 , 1 ,4	*7:30*
9. Give the equation of the graph. 	*7:12*	19. Work out the volume of this cuboid. 	*7:24*	25.Work out the **modal** score:	*7:30*
10. Solve: 2(x - 3) = 1	*7:13*	20. x=142^0. 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)	

Science	4
Maths	15
English	12
French	5

If the data was represented in a pie chart, what size angle would be 'English'?

Score	Frequency
1	3
2	5
3	3
4	4
5	2
6	3