Maths Key Skills Name:		Date:		Stage 7: Skill Che Class/Group:			
A: Number & Algebra		B: Proportion, Geometry & Measure		C: Statistics & Probability			
1. Insert one of these symbols in thebox:= < > $\leq \geq$	^{7:1} 5 > -5	11. Reduce to its lowest form: 14 : 21	^{7:15} 2:3	21. Write down the probability of rolling an odd number with a dice.			$\frac{7:27}{\frac{3}{6}} = \frac{1}{2}$
2. Which is bigger? 40% or ⅔	^{7:2} Same	12. Divide £28 in a ratio of 2:5 Give the answer as a ratio.	^{7:16} £8:£20	22. Shade set A U B			7:28
3. Give the LCM of 10 and 15.	7:3 30	13. Write 20 as a percentage of 50.	7:17 40%				
4. Insert one of these symbols in the box: $= < > \le \ge$	^{7:4} 2 ³ > √36	14. Describe the transformation A t	OB Enlargement Sf 2 Centre X				
5. Work out & simplify $:\frac{3}{8} \div \frac{4}{5}$	$\frac{15}{32}$	15. Place an arc at \angle BCA. B	C 20	23. 60 pupils were asked to name their favourite colour. These are the results:			7:29 $360^{\circ} \div 60$ $=6^{\circ}$
6. Work out: 4 ² ÷ (4 - 2)	7:7 16÷2=8	16. Sketch the side elevation.	7:21	Black Green Blue Yellov	n 15 12		12x6 ⁰ =72 ⁰
7. Expand & simplify: 2(2x + 1) + 3(x - 2)	7:10 4x+2+3x-6 7x-4	17. Work out the area 3cm of this trapezium. 7cm	2cm ^{7:22} 10cm ²	If the data was represented in a pie chart, what size angle would be 'Blue'?			
8. Evaluate: 3a - 5 when a = -1	^{7:11} - 3-5=-8	18. Give the number of edges, verti and faces in a cuboid.	Ces 7:23 E=12 V=8 F=6	24. Work out the median score. 5, 5, 7, 1, 13, 9			7:30 ½ (5+7) = 6
9. Draw the graph of y = 2 on the grid.	7:12	19. Work out the surface area of this 2cm cube.	7:24 6x2 ² 24cm ²	25. Work out the mean shoe size.Shoe sizeFrequencyfx466x4=24			7:30 45÷10
10. Solve: 2x + 6 = 8	7:13 2x=2	20. Work out the missing angle 'x'.	7:25 60 ⁰	- 5 6	3	3x5=15 1x6=6	4 1/2
	x=1			ΣΙ	f=10	Σfx=45	
Total (A)		Total (B)		1	Total (C)		
Test Total (A+B+C)		R (0-9)	Y (1	G (20-25)			