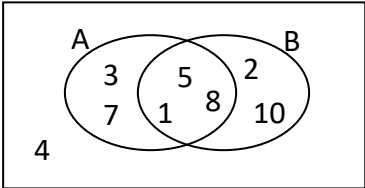
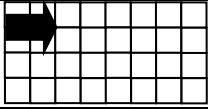
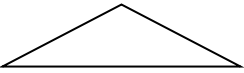
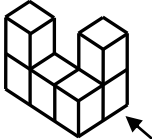
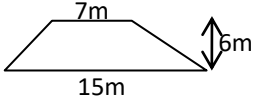
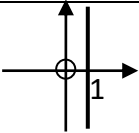
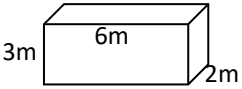
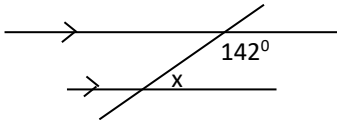


Maths Key Skills

Name: Date:

Stage 7: Skill Check 6

Class/Group:

A: Number & Algebra		B: Proportion, Geometry & Measure		C: Statistics & Probability													
1. Insert one of these symbols in the box: = < > ≤ ≥	7:1 $0.3 \square \frac{1}{3}$	11. Reduce to its lowest form : £1.50 : 50p	7:15	21. Write down the probability of getting a CLUB card from a pack of cards.	7:27												
2. Which is bigger? 0.08 or 80%	7:2	12. Divide 77 sweets in a ratio of 4:3 Give the answer as a ratio .	7:16	22. List the set of elements in A ∪ B 	7:28												
3. Give the LCM of 16 and 24 .	7:3	13. Express £30 as a fraction of £20.	7:17														
4. Insert one of these symbols in the box: = < > ≤ ≥	7:4 $3^3 \square 5^2$	14. Translate the shape 	7:19	23. 36 students were asked to name their favourite subject. The results are: <table border="1" data-bbox="1599 695 1861 866"> <thead> <tr> <th>Subject</th> <th>f</th> </tr> </thead> <tbody> <tr> <td>Science</td> <td>4</td> </tr> <tr> <td>Maths</td> <td>15</td> </tr> <tr> <td>English</td> <td>12</td> </tr> <tr> <td>French</td> <td>5</td> </tr> </tbody> </table> If the data was represented in a pie chart, what size angle would be 'French' ?	Subject	f	Science	4	Maths	15	English	12	French	5	7:29		
Subject	f																
Science	4																
Maths	15																
English	12																
French	5																
5. Work out & simplify: $\frac{3}{5} \div 1\frac{1}{2}$	7:6	15. Use standard convention to show the equal sides & angles of this isosceles triangle. 	7:20														
6. Work out: $(2^2 + 3) + 4 \times 5$	7:7	16. Sketch the side view. 	7:21														
7. Expand & simplify: $2(2x + 3) - 5$	7:10	17. Work out the area of this trapezium. 	7:22	24. Work out the range of scores from the table below.	7:30												
8. Evaluate: $a^2 - b$ when $a = 4$, $b = -3$	7:11	18. Give the number of edges, vertices and faces in a solid cylinder.	7:23 E= V= F=														
9. Give the equation of the graph. 	7:12	19. Work out the total surface area of this cuboid. 	7:24	25. Work out the modal score. <table border="1" data-bbox="1581 1161 1877 1382"> <thead> <tr> <th>Score</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>2</td> </tr> <tr> <td>7</td> <td>3</td> </tr> <tr> <td>8</td> <td>6</td> </tr> <tr> <td>9</td> <td>7</td> </tr> <tr> <td>10</td> <td>1</td> </tr> </tbody> </table>	Score	Frequency	6	2	7	3	8	6	9	7	10	1	7:30
Score	Frequency																
6	2																
7	3																
8	6																
9	7																
10	1																
10. Solve: $3(x - 3) = 6$	7:13	20. $x = 38^\circ$. 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)													