Class/Group: Name: Date: A: Number & Algebra B: Algebra, Proportion, Geometry & Measure C: Geometry & Measure & Statistics 21. Work out the angle between the slant edge & the 1. Write **4v27** in the form kv3 11:1 3y-411:12 11:26 11. Make (y) the new subject of : y - 5 =square base. (correct to 3sf) 11:2 11:14 2. Expand & simplify: 12. One solution for **sinx = 0.8(1dp)** is x = 54°. Use the graph to 9cm $(1 - \sqrt{7})^2$ 1.5 0.5 5cm -0.5 5cm find another solution. 13. This is the graph of y = f(x). Sketch on the grid: y = f(-x)11:15 22. Find the angle 'x'? (1dp) 11:27 3. If x=5.82 (2dp) & 11:3 y=1.4)(1dp)Work out maximum value 15cm of **x - y** 13cm 60⁰ Х 4. Simplify the following 11:4 14. Estimate & interpret the area under the graph over the first 3s 11:16 fraction: 25 $x^{2}+4x-5$ 20 11:28 23. Find the angle 'x'? (2sf) $x^{2}-1$ 2x**Velocity(mph)** 2 2 14cm 11cm 0 11:5 5. Solve: 5 -5 15cm time (hours) xx+1 11:18 15. Write down the equation of the tangent at (5,-2) on the circle with centre (1,1)

Maths Key Skills

Stage 11: Skill Check 11

