| Namo: | | Dato: | Class | | |
|---------------------------------|------|---|-------------------|---|---------|
| | | Di Alashua Dranastian Casanata 2 Masayun | Class | | |
| A: Number & Algebra | 11.1 | B: Algebra, Proportion, Geometry & Measure | 11.10 | C: Geometry & Measure & Statistics | 11.20 |
| 1. Write 8V8 in the form KV2 | 11:1 | 11. Make (b) the new subject of : | 11:12 | 21. Work out the angle X (correct to 3st) | 11:26 |
| | | 3(a+b)=5+7b | | | J |
| 2. Rationalise the | 11:2 | 12. This is the graph of $v = \cos x$ | 11:14 | Zame X T | |
| denominator & simplify: | | One solution for cosy = $0.44/2$ dm) is $x = 116^{0}$ L(so the graph to | | /cm | |
| 4 | | find another solution 1 | | | |
| | | | | Acm / | |
| 372 | | | | 13cm | |
| | | | | | |
| | | | | | |
| | | | 11.15 | - | |
| | | 13. This is the graph of $y = f(x)$. Sketch on the grid: $y = f(x+2)$ | \11:15 / | | |
| | | | | 22. Find the length of the side 'x'? (1dp) | a 11:27 |
| 3. If x=18 & v=12(both 📓 | 11:3 | | | | |
| to nearest integer) | | | $ \rangle /$ | | |
| Work out minimum value of | | | $ \rangle /$ | | |
| X ÷ V | | | | 6.8cm | |
| A ·) | | | I X | ^ | |
| | | | | | |
| | | 0 | | (65°) (7.0) | |
| | | -4 -2 0 4 | | / //4 | |
| | | * -2 • * | | 7 | |
| | | | / \ | | |
| | | -4-1 | $\langle \rangle$ | | |
| 4. Simplify the following | 11:4 | 14. Estimate the area under the graph from x=5 to 8 | 11:16 | | |
| fraction: | | | | | |
| 2 | | | | | |
| $2x^{2}+9x-5$ | | 2.5 - | | 22 Find the length of the side $(x^2)(2sf)$ | 11:28 |
| $4r^2 + 20r$ | | | | \sim | |
| 42 1202 | | | | | 9 |
| | | 1.5 - * | | | |
| | | | | x Licm | |
| | | | | | |
| | 11.5 | 0.5 | | | |
| 5. Solve: | 11.5 | 0 | | | |
| 3 1 | | 1 2 3 4 5 6 7 8 | | 15cm | |
| $\frac{3}{1} + \frac{1}{2} = 2$ | | | | - | |
| x+1 2x-1 | | 15. Write down the equation of the tangent at (3,-1) on the | 11:18 | | |
| | | circle $x^2+y^2 = 10$ | | | |
| | | | | | |
| | | | | | |
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Maths Key Skills

Stage 11: Skill Check 10

