

Name _____ Unit 2 Revision Sheet 2 NON CALC

1 Find the lowest common multiple of 8 and 12	11 Find the n th and 10 th terms in this sequence 5, 9, 13, 17 ...
2 Work out $5 + 4^2 \div 8$ (must use BODMAS)	12 Find the missing angle, give a reason 
3 Evaluate 2^6 3^{-2} $49^{\frac{1}{2}}$	13 What do the angles in a hexagon add up to?
4 Write 0.00062 using standard form	14 Find the missing angle 
5 Work out $\frac{2}{3} - \frac{1}{6}$ Hint - must find common denominator	15 Find the volume of this prism 
6 Calculate 30% of 120	16 Rationalise the denominator $\frac{5}{\sqrt{3}}$
7 Simplify $\sqrt{45}$, writing your answer as $a\sqrt{5}$ where a is a constant.	17 Find the midpoint of the line segment joining (-2, 1) to (6, 6) Hint - midpoint is half way, go half way for both x and y
8 Expand and simplify $(x+1)(x-3)$ Hint - draw a 2 by 2 grid to help or use smiley face	18 What is the gradient of the straight line $y = 3x + 5$?
9 Factorise: $x^2 + 5x$ (means put back into brackets)	19 Simplify $\frac{7x+14}{14x+28}$ Hint - factorise top and bottom like from question 9
10 Factorise: $x^2 + 7x + 12$ $(x + \underline{\hspace{1cm}})(x + \underline{\hspace{1cm}})$	20 Simplify $(x^2)^2$

Mark Effort
Comments _____

Gcse Maths Unit 2 June 2014 Cbac

Julia Schneider



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Unveiling the Magic of Words: A Review of "**Gcse Maths Unit 2 June 2014 Cbac**"

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