DELTA Foundation Securing grade 4 - TOPIC REVISION 2	
PLACE VALUE ROUNDING AND ESTIMATING	
a) What is the place value of 5 in?	25 26 27 28 29
i) 2531.7	Which number above is: a) A multiple of 7?
ii) 3.5	b) A square number?
b) Estimate 31.7 × 416.5	c) A prime number?
18.6	d) A cube number?
	e) A factor of 52?
ARITHMETIC INCLUDING DECIMALS	NUMBER SQUARES
a) Put in order smallest first	a) Find the next two terms in this sequence
3.17 3.107 3.1 3.017 3.177	1, 3, 6, 10,
b) Work out 221 ÷ 17	b) Find the nth term 2, 7, 12, 17,
	 c) The nth term of a sequence is n² + 3, find the 5th term.
FRACTIONS	PERCENTAGES
Work out	a) James scored 18 out of 40 in a test. What
a) $\frac{7}{2} - \frac{2}{2}$	percentage is this?
8 3	
	b) Complete the table
	Fraction Decimal %
	$\frac{3}{2}$
7 0	5
b) $\frac{7}{8} \div \frac{2}{3}$	48%
	1
	ΡΑΤΙΟ
a) Calculate - give your answer to two	a) Simplify the ratio
decimal places	2/0.360
$\sqrt{\frac{3.7^2 + 1.9}{2.3^3}}$	240.300
h) Dut hundlets in the matter this calls forth	b) 8 pens cost £9.92, 6 pens cost £7.50.
b) Put brackets in, to make this calculation correct. $5 + 2 \times 5^2 = 105$	Which is better value? Show your working.
c) Work out (-3) ²	

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SIMPLIFY ALGEBRA/ SUBSTITUTION	ALGEBRA BRACKETS
a) Simplify 6p – 4q + q – 3p.	a) Expand $2y(y-5)$
b) Simplify $\frac{p^8}{p^2}$ c) If x = 5 work out the value of $3x^2$	 b) Factorise 6g + 9 c) Expand (x - 5)(x + 3)
	AREA/ PERIMETER/ VOLUME
a) Solve $\frac{\pi}{3} + 4 = 12$	a) This rectangle has perimeter 23cm. find
-	the width.
b) Solve 2(2x + 4) = 22	7cm ?cm b) Calculate the volume of the cuboid. 3m 6m
ANGLES	CIRCLES/ PYTHAGORAS/MEASURES/ SPEED
a) Calculate angle a.	a) Calculate the length of v to 1dp.
 b) A regular polygon has exterior angle 45 How many sides does it have? 	5°. b) A car travels 224km in 3hrs 30mins. Calculate its average speed.
AVLAGES	a) Write as an ordinany number
	a) write as an ordinary number. 2.6×10^5
	3.0 X 10°
6 12	1.2×10^{-7}
	1.2×10^{-7}
8 3	
a) Give the modal shoe size.b) Give the range of shoe sizes.c) Work out the mean shoe size.	 b) Using trigonometry calculate angle a to the nearest whole number.



