DELTA     Foundation Securing grade 4 - TOPIC REVISION     1	
PLACE VALUE. ROUNDING AND ESTIMATING	TYPES OF NUMBER
a) Bound 735923	Write 180 as a product of prime factors
i) to the nearest 100	
ii) to two significant figures	
iii) Round 371.59 to 1 decimal place	
ARITHMETIC INCLUDING DECIMALS	NUMBER SQUARES
Work out 3.17 × 2.9	a) Find the nth term
	5, 11, 17, 23,
	<ul> <li>b) Given the nth term of a sequence is 4n + 3, give the first three terms.</li> </ul>
EPACTIONS	DEBCENTAGES
<u>PRACTIONS</u>	PERCENTAGES
a) $\frac{2}{9} + \frac{1}{3}$	14.7% of 3540
··· 1 <sup>2</sup> ··· <sup>3</sup>	b) Put in order smallest first 3 2 11 33
b) $1\frac{-5}{5} \times \frac{-4}{4}$	$\frac{5}{5}$ $\frac{1}{3}$ 0.63 $\frac{11}{20}$ $\frac{55}{50}$
NEGATIVES/CALC/BIDMAS/INDICES	RATIO
a) Work out:	The ratio of boys to girls in a school is 3:2.
-3 × -5	There are 1200 students in the school. How many
-3 + -5	are girls?
-35	
b) Write as a power of 5 $\frac{5^4 \times 5^3}{5^2}$	

SIMPLIFY ALGEBRA/ SUBSTITUTION	ALGEBRA BRACKETS
a) Simplify 3x + 5y – 2x – 7y	a) Expand 3(2p + 5)
b) $p^5  imes p^3$	b) Factorise $x^2 - 3x$
c) If x = -3 work out the value of $x^2 - 2x$	c) Expand $(x + 7)(x - 3)$
SOLVE EQUATIONS	AREA/ PERIMETER/ VOLUME
Solve	a) Calculate the volume:
<ul> <li>a) 3a + 9 = 27</li> <li>b) 5a - 8 = 3a + 5</li> </ul>	6cm 6cm
	<ul> <li>b) A cube has sides 3cm. Calculate its total surface area.</li> </ul>
ANGLES	CIRCLES/ PYTHAGORAS/MEASURES/ SPEED
Calculate angle a.	a) Calculate its area to 1dp.
	b) Calculate length AC to 2dp. $d_{A} = \frac{13.74 \text{ cm}}{11.63 \text{ cm}} B$
AVERAGES	NEW CONTENT MISCELLANEOUS
weight(kg)     Frequency	a) write in standard form
/ USVW≤00 /	5450000
00 <w≤ 13<br="" u="">70<m<20 15<="" td=""><td>0.00000017</td></m<20></w≤>	0.00000017
	0.00000017
a) Modal group	b) Work out 5 <sup>-2</sup>
b) Mean =	<ul> <li>c) A door was 2.7m to 1dp. Complete the error interval.</li> </ul>



## **GRAPHS**

