Westbourne House School
Revision – Easter Term

Y6 MATHS REVISION CHECKLIST

The Exam(s) will consist of:

One non-calculator paper – duration 60 minutes
One short Maths Aural – duration 20 minutes (paper is done during a maths lesson)

Equipment you will need for the exam:

- Ruler (15cm and 30cm)
- Pencil
- Eraser and pencil sharpener

TOPIC / PAPER	WHAT TO REVISE	DONE?
Section A	Addition and subtraction – including with decimals and fractions Multiplication and division – including with decimals Multiplying and dividing by 10, 100 and 1000 Long multiplication and division BIDMAS Filling in missing numbers from number sentences.	
Section B	Ordering decimals Fractions to decimals Fractions – shading fractions, fractions of a number Area of squares and rectangles and compound shapes Perimeter of squares and rectangles and compound shapes Problem solving wordy questions involving multiplication, division, metric units, percentages and fractions	

Maths Aural	• Exam taken in classroom under exam conditions. • Questions are read out by the teacher and pupils are allowed to show their workings. • No calculators to be used.	

NOTES/TIPS:
• Revise by practising the questions below, using your note books and appropriate websites like www.mathletics.co.uk or www.mymaths.co.uk • In all maths exams workings are essential. It must be assumed that any question worth more than 1 mark requires at least one line of working. Workings should not be "doodle" like but be clearly set out in a logical manor preferably starting at the top of the space provided and working in a downwards direction. • For any further information or guidance about revision or the actual exam, please contact the Head of Maths – Mrs Barbara Langford (blangford@westbournehouse.org)

SECTION A revision:

1. Calculations

    a. 354 + 45

    b. 35 x 9

    c. 23 x 6

    d. double 72

    e. half 94

    f. 7.34 + 8. 89

    g. 9.21 – 5.32

    h. 528 ÷ 3

    i. 493+578

    j. 567 – 94

    k. 35.24 + 35.001

    l. 325.2 – 45.7

    m. 15.67–4.98

    n. 25.5 ÷ 5

    o. 56.7 × 6

2. BIDMAS

    a. 3 – 5 + 8

    b. 3 + 4 x 5

3. Fractions

    a. Calculate $\dfrac{1}{13} + \dfrac{2}{13}$

    b. Calculate $\dfrac{2}{5} + \dfrac{3}{4}$

4. Multiplying and dividing by 10, 100, 1000 (powers of 100)

    a. 6.23 x 10 =

    b. 6.23 x 100 =

    c. 65.74 ÷ 10 =

    d. 45.3 x 100 =

    e. 3.45 ÷ 1000 =

5. Reverse calculations - fill in the missing number

    a. 3.4 x .... = 34

    b. 252 ÷ .... = 84

    c. .... − 2.4 = 10.6

SECTION B revision:

1. Write these numbers in order of size starting with the smallest.

    7.80   7.81   8.07   7.008   7.701   8.001

2. Jilly is reading a book with 450 pages. On Saturday, she reads 108 pages. What fraction of the book has she read?

3. Find the equivalent fractions of the following numbers:

    0.4   0.5   0.06   0.2   0.15

4. The sum of two numbers if 109.
    One number is 9 less than the other.
    What are the two numbers?

5. Robbie has thought of a number and has given these clues:
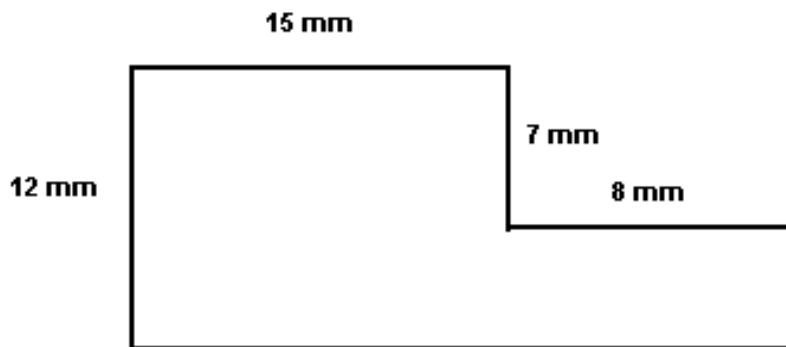   The number
    - Is smaller than 50
    - Is one less than a multiple of 6
    - Is NOT a prime.

        What is Robbie's number?

6. Find 4 consecutive numbers which total 786.

7. (a.) Work out the area of this shape. (Show all your workings).
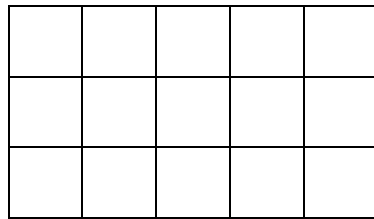
15 mm

7 mm

12 mm

8 mm

(b.) Work out the perimeter of the shape.

8.

a. Shade in $\frac{1}{3}$ of the squares in the table below.

b. Draw crosses in $\frac{1}{5}$ of the un-shaded squares

9. Write the following fractions as percentages:

a. $\frac{1}{2}$ b. $\frac{3}{4}$ c. $\frac{2}{5}$ d. $\frac{3}{10}$

10. Reading scales: what is the measurement indicated by the pointers?

a.

b.

c.