

Westbourne House School Revision – Summer Term

Y5 - MATHS REVISION CHECKLIST

The Exam will consist of:

One Paper – duration 60 minutes

Equipment you will need for the exam:

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

TOPIC / PAPER	WHAT TO REVISE	DONE?
	Numbers from words into numerals and back Number work place value reverse calculation addition, subtraction, multiplication and division multiplying and dividing by 10 and 100 number patterns Wordy questions Language of maths (multiple, even, odd, factor) Reading scales Reading timetables Finding a fraction of a number (ie. to find $\frac{1}{3}$ rd divide by 3, to find $\frac{1}{4}$ divide by 4) Fractions and decimals that add to make a whole one Mixed to improper fractions and improper to mixed fractions Perimeter and area of rectangles and squares Measuring angles	

NOTES/TIPS:

- Revise by practising the questions below
- I cannot stress enough the need for clear and logical workings. No “doodles” – please.
- For any further information or guidance about revision or the actual exam, please contact the Head of Maths – Mrs Barbara Langford (blangford@westbournehouse.org)

Number work

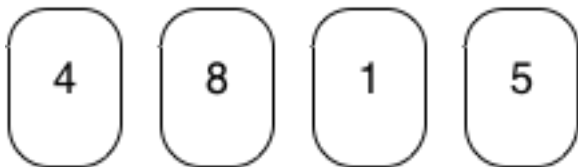
What is the value of the 7 in 45678 circle the correct answer

(seven seventy seven thousand seventy thousand)

What is the value of the 8 in 486704

(eight eighty eight thousand eighty thousand)

Using all four of the following number cards



Write the
biggest possible number,
the smallest possible odd number,
a multiple of 5

Fill in the blanks with a number

$$2 \times \dots = 18$$

$$\dots \div 5 = 8$$

$$6 \times \dots = 66$$

$4 \times 12 = \dots\dots\dots$

$72 \div 8 = \dots\dots\dots$

Fill in the blanks with either +, -, x or ÷

$4 \dots\dots\dots 5 = 20$

$4 \dots\dots\dots 5 = 9$

$3 \dots\dots\dots 9 = 27$

$23 \dots\dots\dots 8 = 15$

$40 \dots\dots\dots 8 = 5$

Multiply and divided by 10, 100

$23 \times 100 =$

$2.3 \times 10 =$

$3400 \div 100 =$

$45 \div 10 =$

$78 \div 100 =$

Write four number sentences using the following number

12 8 96

20 5 4

i.e. 2 of each of the following form

$\dots\dots\dots \times \dots\dots\dots =$

$\dots\dots\dots \div \dots\dots\dots =$

Converting mixed numbers to improper and back again

Write $\frac{27}{6}$ as a mixed number

Write $1\frac{5}{6}$ as an improper fraction

Write $\frac{9}{2}$ as a mixed number

Write $4\frac{1}{3}$ as an improper fraction

Fraction of a number

Find $\frac{1}{2}$ of 24, 36, 40, 7, 10, 11

Find $\frac{1}{3}$ of 24, 36, 48, 96

Find $\frac{2}{3}$ of 12, 18, 36, 102

Other fraction questions

What is 45 cm as a fraction of 1m?

Which fraction is needed to add to $\frac{2}{5}$ to make a whole one?

What is 60p as a fraction of £1?

Fill in the missing numbers in these number sequences

1, 4, 7, 10,,, 19

25, 21, 17, 13,,, 1

8.3, 8.5, 8.7 8.9 9.5
20.15, 20.3, 20.45, 20.9

Worded number questions

If a year group has 54 pupils and there are 3 classes. How many pupils are there in each class?

If John has 30 cars and Bill has 34. How many do they have altogether?

If I save £2.00 a week for 52 weeks, how much will I have in total?

There are 3 hamsters for every 10 goldfish in a pet shop.

If there are 9 hamsters, how many goldfish are there?

If there are 20 goldfish, how many hamsters are there?

There are 52 pets in total in the shop. How many hamsters are there?

Shape and space work

Measure the following angles



angle P



angle Q



angle R

Draw the following angles

45°



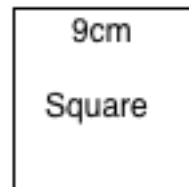
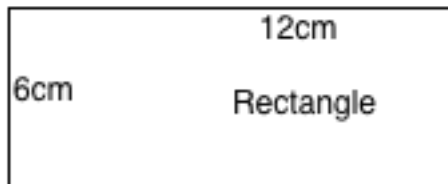
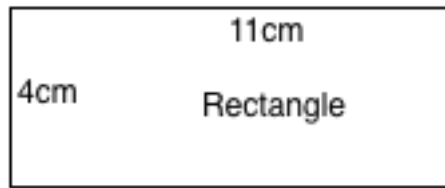
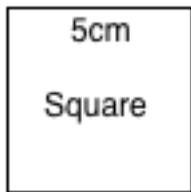
60°



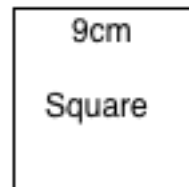
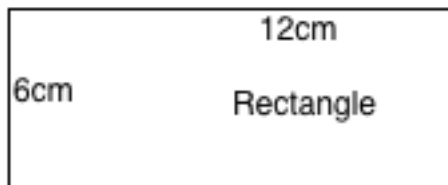
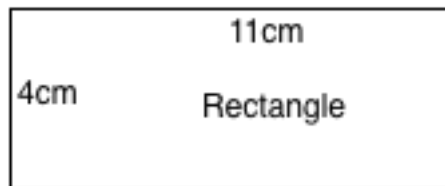
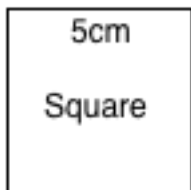
120°



Find the **area** of the following rectangles and squares



Find the **perimeter** of the following polygons



A square has an area of 144 cm^2 what is

Its side length?

Its perimeter?

Time and timetables

The following is a part of the county bus timetable from Bolton to Blackpool

Bolton	09 37	13 04	15 25
Wigan	10 04	13 31	-
Chorley	10 31	13 55	16 17
Preston	10 56	14 16	16 32
Freckleton	11 14	-	-
Blackpool	11 32	14 50	17 06

Where is the bus at 1632?

How many stops does the 1525 bus from Bolton make between Bolton and Blackpool?

How long does the 1304 bus from Bolton take to get to Wigan?

I arrive at Chorley at 13:15. If I take the next available bus at what time will I arrive at Blackpool?

Convert the following from hours and minutes to minutes

2 hours 15 mins

3 hours and a half

1 hour and a quarter

Convert the following from minutes to hours and minutes

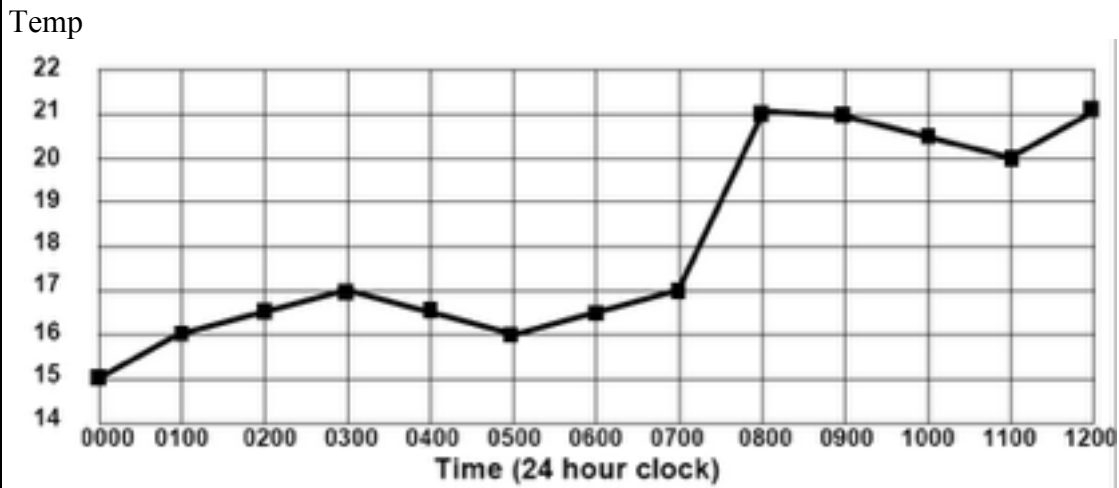
75 mins

120 mins

300 mins

95 mins

Interpreting graphs



This graph shows the temperature in a room over a twelve hours. Answer the questions below.

(a) What was the lowest temperature recorded on the chart.

2) What was the temperature at 3 o'clock am?

16) What was the temperature at 11.00?

20) Which hour shows the biggest rise in temperature?

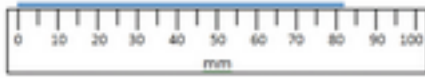
t) For how long was the temperature between 16 and 17 degrees?

21) Can you estimate the temperature at 07.30?

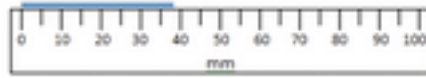
22) Can you estimate the temperature at 10.00?

Reading scales

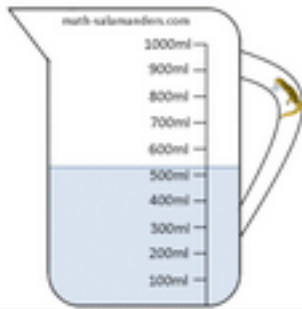
1) How long? _____



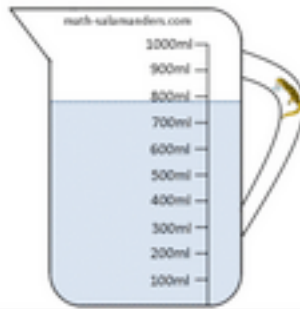
2) How long? _____



3) How much? _____



4) How much? _____



5) How much? _____

