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© Year 5 – Assessment B

This assessment is the second of two assessments based on Year 5 work.
Please return assessments by: Email, fax or mail (Details above)

Full Name	**Current Grade**
Date	**Phone Number (business hours please)**
Parent/guardian's Name	**Alternative phone number**

PARENTS: Please DO NOT help or prompt the student.
Students are not allowed to use a calculator.

1) Use the following numerals, 3, 9, 1, 7, 2, 8, 5 to make the largest possible number : _____

2) Complete the following sum.

$$\begin{array}{r} 2\,552\,641 \\ +\quad 381\,286 \\ \quad\quad\quad 619 \\ \quad\quad 72\,406 \\ \hline \\ \hline \end{array}$$

3) Complete the following subtraction.

$$\begin{array}{r} 8\,189\,134 \\ -\quad 855\,129 \\ \hline \\ \hline \end{array}$$

4) Complete the following pattern and answer the questions.

a) 7, 17, 27, 37, 47, ____, ____, ____, ____, ____.

b) The tenth term is : ____

c) The pattern is : _____

5) Convert the following fraction to a decimal fraction.

$7\frac{75}{100}$ = ☐

6) Cancel the zeros off the numerator and denominator of the following fraction, one at a time, to show the equivalent fraction, in a simpler form.

$\frac{90\,000}{900\,000}$ = ☐ = ☐ = ☐ = ☐

7) Write down all the decimal number values between 2·3 and 3·1.

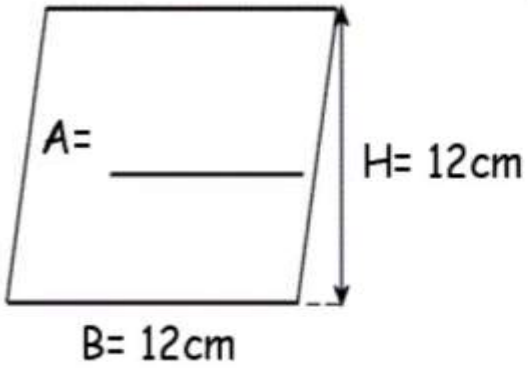
2·3 , ____ , ____ , 2·6 , ____ , ____ , ____ , ____ , 3·1 .

8) 1:9 = 3 : ☐

9) Complete the table. The first one has been done for you.

Decimal km	km and m	m	cm	mm
2·7 km	2km 700m	2 700	270 000	2 700 000
km		3 600		
17·5km				
km			160 000	
km				1 000 000

10) Find the area of the following parallelogram :



11) Change the following hectares into square kms.

300 000ha = _____ km^2

12) In a container there are 10 coloured marbles. 5 are green, 3 are red and 2 are orange. Answer the following question using tenths in your response.

What are the chances of <u>not</u> picking a red marble ? ___

13) Write down the multiples of 7, up to 70.

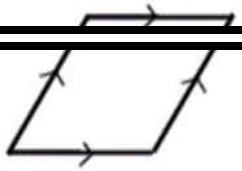
_____ _____ _____ _____ _____ _____ _____ _____ _____ _____

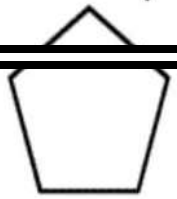
14) $11^2 =$ ☐

15) $\sqrt{144} =$ ☐

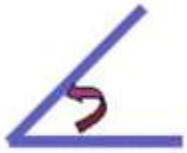
16) $8^3 =$ ☐

17) $137 \times 4 =$ ☐



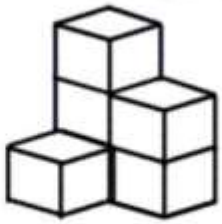


23) Is the following angle obtuse or acute ?



_____

24) Draw the top view of the 3D shape below.

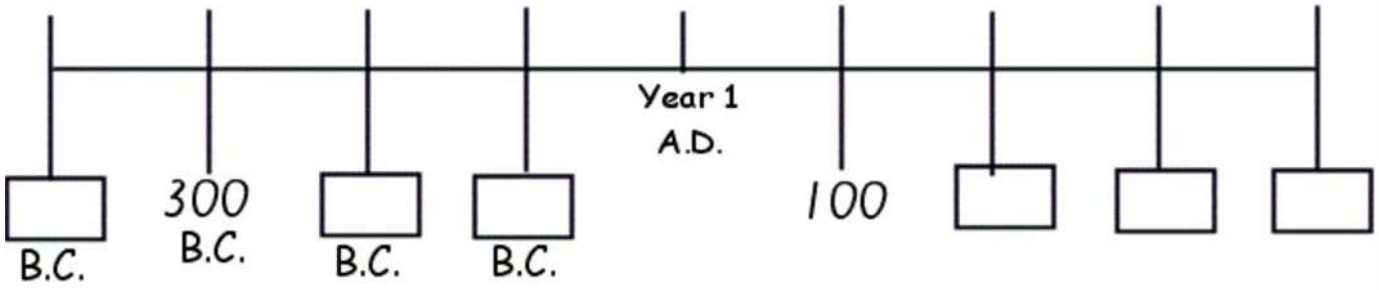


Top View

25) If all four balloons are the same size in real life, circle the balloon that is closest.

26) On a pie graph, what percentage makes up the total pie ?

27) Complete the time line below.



28) Draw the hands on the clock below to show the 24 hour time.

1740

29) Draw hands on the stopwatch to show the minutes and seconds written below the stopwatch.

30) Write the following masses in order from lightest to heaviest.

1 300g
1 000g
0·9kg
225g
33g
850g

lightest

_____

_____

_____

_____

_____

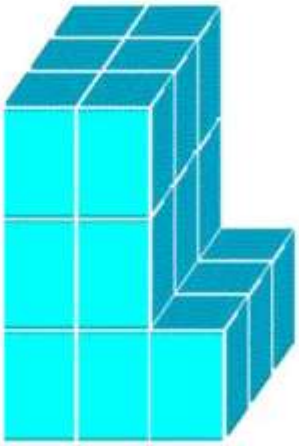
_____

heaviest

31) Complete the following.

11L water = ☐ kg

32) Remembering that some of the cubes may be hidden, work out the number of cubes needed and therefore the volume of the following model.



1 layer of ☐ = ☐

☐ layers of ☐ = ☐ +

_____

V = _____ cm³ _____

33) Calculate the missing value in the following number sentence.

$88 \div 2 = 2 \times \square$

Result

35