GCSE Maths Foundation - Unit 1 - Number

NAME:

Multiples of 6:

Factors of 10:

Prime Numbers:

Square Numbers:

Cube Numbers:

Write the following numbers in order of size. Start with the smallest number.

0.3 0.31 0.013 0.13

Work out an estimate for

$$\frac{3.56 \times 19.8}{38}$$

B

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D **M**

A **S**

$4^2 + 6 \times 12$

Work out 3.56×7.8

Write 120 as the product of its prime factors.

Find the HCF and LCM of 120 and 150

Put one of the following symbols (=, >, <) in the box to make the statement correct.

-5 ☐ 4

Write down the value of the 9 in the number 31,892

Round 652.83 to the nearest hundred

Round 24.729 to 1 decimal place

$-9 \times 3 =$

$-8 + 10 =$

$-16 \div 2 =$

$4 - -8 =$

The temperature at midnight is -2°C and at midday is 14°C. What is the difference in the temperatures at midnight and midday?

Work out $\frac{\sqrt{3.5^2 - 4}}{2.478}$

Write down all the figures on your calculator display

Now give your answer to 2 significant figures

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Write down all the factors of 30

2 marks)

Write the following numbers in order of size.
Start with the smallest number.

0.4 0.02 0.37 0.152 0.2

.....

(Total for Question 1 is 1 mark)

Work out an estimate for

$$\frac{790 \times 289}{49}$$

3 marks)

Work out $3 \times 5 + 7$

.....

(1)

Work out 2^3

.....

(1)

Work out 3.67×4.2

.....

(3)

Find the highest common factor (HCF) of 156 and 130

.....

(2)

=	<	>

From the box, choose a symbol to make the following statement correct.

-2×-3 ..... $-3 + 9$

In Norway last year, the lowest temperature was -15°C.
In Norway last year, the highest temperature was 42°C greater than the lowest temperature.

Work out the highest temperature in Norway last year.

.....°C

2 marks)

Write down the value of the 9 in the number 27.963

1 mark)

Use your calculator to work out $\sqrt{\frac{\sin 25° + \sin 40°}{\cos 25° - \cos 40°}}$

(a) Write down all the figures on your calculator display.

.....

(2)

Write 19.4949 correct to the nearest whole number.

1 mark)