

Final Revision Sheet 2



Remember

Write the following numbers in the word form :

34.72 =

5.027 =

3123.1 =

Write the following numbers in the standard form :

Twenty one and seven thousandths =

Three hundred and fifteen hundredths =

Seven and 2 tenths =

Write the following numbers in expanded form :

23.62 =

56.282 =

3.409 =

34.002 =

MULTIPLYING AND DIVIDING x 10 , 100 , 1000

In multiplying : The number will increase by moving the decimal point to the right according to the number of zeros .

In dividing : The number will decrease by moving the decimal point to the left according to the number of zeros .

Complete :

$$2.3 \times 10 = \dots\dots\dots$$

$$34.58 \times 100 = \dots\dots\dots$$

$$45.24 \times 10 = \dots\dots\dots$$

$$5.392 \times 1000 = \dots\dots\dots$$

$$637 \div 10 = \dots\dots\dots$$

$$4.592 \times 10 = \dots\dots\dots$$

$$56.32 \div 100 = \dots\dots\dots$$

$$62.110 \div 10 = \dots\dots\dots$$

$$7.291 \times 100 = \dots\dots\dots$$

$$94.303 \times 10 = \dots\dots\dots$$

$$9262.2 \div 1000 = \dots\dots\dots$$

Remember

Rounding: *(weak numbers 0,1,2,3,4) the number next to them will be the same and change the other numbers to be zeroes.

* (strong numbers 5,6,7,8,9) they will add 1 to the number next to them and change the other numbers to be zeroes.

Complete :

Round : 3.458 to the nearest hundredth

Round : 23.36 to the nearest ones

Round : 6.739 to the nearest tenth

Round : 56.372 to the nearest whole number

Round : 3.439 to the nearest ones

Round : 57.383 to the nearest hundredth

Round : 9.72 to the nearest tenth

Answer the following :

73.37 + 27.22 = Estimate :

Evaluate :

5.36 – 3 .21 = Estimate :

Evaluate :

Estimate means:
Rounding

Draft

 Equations :

Big	
small	small

Remember

*In addition : $\text{small} + \text{small} = \text{big}$

*In subtraction : $\text{big} - \text{small} = \text{small}$.

*Big number = $\text{small} + \text{small}$.

*Small number = $\text{Big} - \text{small}$.

Answer the following :

Don't forget to balance

$45.32 + K = 73.33$, then $K = \dots\dots\dots$

$M - 44.32 = 32.92$, then $M = \dots\dots\dots$

$L + 32.22 = 78.22$, then $L = \dots\dots\dots$

$84.223 - F = 23.37$, then $F = \dots\dots\dots$

$5.23 + S = 34.2$, then $S = \dots\dots\dots$

$B - 5.33 = 23.34$, then $B = \dots\dots\dots$

➤ **Prime number:** is a number has two factors only are **1** and **itself** .

➤ **Composite numbers:** is a number that has more than **two factors**

✚ **2** is a factor of any even numbers whose ones is: 0,2,4,6,8

✚ **3** is a factor of numbers whose sum of its digit in table 3 without remainder

✚ **4** is a factor if the number is existing when skip counting by 4

✚ **5** is a factor of a number whose in ones 0 or 5

✚ **6** is the factor of numbers even and has a factor 3

✚ **9** is the factor of numbers whose the sum of its digit in table 9

✚ **10** is a factor of any number whose in ones 0

✚ **All prime number are odd except 2**

✚ **The smallest prime number is 2 .**

✚ **The only even prime number = 2**

✚ **1** is neither prime nor composite

✚ **The smallest prime odd number = 3**

✚ **1** is the common Factor of all numbers

✚ **0** is the common multiple of all the numbers

✚ **The prime number = 2,3,5,7,11,13,17,19, 23,.....**

Math Department (F.R.S)

Grade 5

Answer the following :

Find the factors of the following number by using any method :

27 :

24 :

16 :

25 :

18 :

40 :

Find the prime factors of the following numbers (factorization) :

15 :

20 :

8 :

14 :

Find the GCF of :

4 & 8

12 & 15

20 & 30

 **Multiples:** is the product of any two number.

 The Common Multiple is 0 of all numbers

➤ **Example:** find: the common multiples of 4 and 3:

- The multiples of 4 = 0, 4, 8, 12, 16, 20, 24, 28,
- The multiples of 3 = 0, 3, 6, 9, 12, 15, 18, 21, 24,
- The common multiples of 3 and 4 = 0, 12, 24,

Answer the following :

List 5 multiplies for the following numbers :

2 :

10 :

6 :

9 :

Find the GCF & LCM for the following :

21 & 14

35 & 25

4 & 8

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Find the answer of : (using any strategy)

$30 \times 24 = \dots\dots\dots$

$23 \times 51 = \dots\dots\dots$

$238 \times 4 = \dots\dots\dots$

$7.2 \times 23 = \dots\dots\dots$

$1234 \times 52 = \dots\dots\dots$

$6.52 \times 43 = \dots\dots\dots$

$34 \times 80 = \dots\dots\dots$

$201 \times 45 = \dots\dots\dots$

$700 \times 21 = \dots\dots\dots$

$53 \times 2.3 = \dots\dots\dots$

$5.3 \times 0.7 = \dots\dots\dots$

$0.3 \times 0.9 = \dots\dots\dots$

$45.2 \times 5 = \dots\dots\dots$

$6.3 \times 101 = \dots\dots\dots$

Remember

Notes

- ✚ When multiplying by 0.1, 0.01 and 0.001, the point is moved to the left as how many decimal places in the multiplier .
- ✚ When multiplying by 10, 100 and 1000, the point is moved to the right as many digits as there are zeros in the multiplier.
- ✚ Moving the decimal point to left makes the value of the number smaller, while moving it to the right makes the value of the number bigger .

Complete :

$$2 \times 0.1 = \dots\dots\dots$$

$$34.2 \times 0.1 = \dots\dots\dots$$

$$45.382 \times 0.01 = \dots\dots\dots$$

$$23.4 \times 10 = \dots\dots\dots$$

$$722.2 \times 0.01 = \dots\dots\dots$$

$$8262.2 \times 0.001 = \dots\dots\dots$$

$$56.38 \times 0.001 = \dots\dots\dots$$

$$\times 0.1 = \div 10$$

$$\times 0.01 = \div 100$$

$$\times 0.001 = \div 1000$$

 Measurement Conversions:

$\times 1000$ $\times 10$ $\times 10$ $\times 10$
* km $\longrightarrow$ m $\longrightarrow$ dm $\longrightarrow$ cm $\longrightarrow$ mm .

Remember

* Kg = 1000 g.

* L = 1000 ml .

3 kg = g.

45.33 cm = mm

5632 g =kg

34.238 kg = g

3452 km = m

4.323 L =ml

61 L = ml

34 m = cm

6.378 km = m

4332.2 g = kg

65 m = cm

Remember

Answer the following :

$1516 \div 15 = \dots\dots\dots$

$2723 \div 3 = \dots\dots\dots$

$1265 \div 15 = \dots\dots\dots$

$6564 \div 12 = \dots\dots\dots$

$9685 \div 13 = \dots\dots\dots$

$6075 \div 25 = \dots\dots\dots$

$7704 \div 24 = \dots\dots\dots$

$9640 \div 40 = \dots\dots\dots$

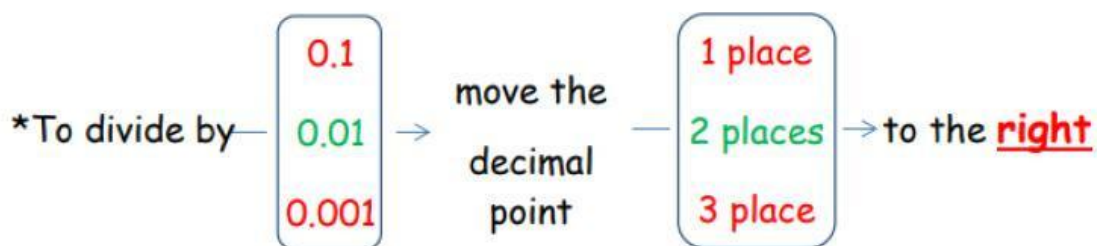
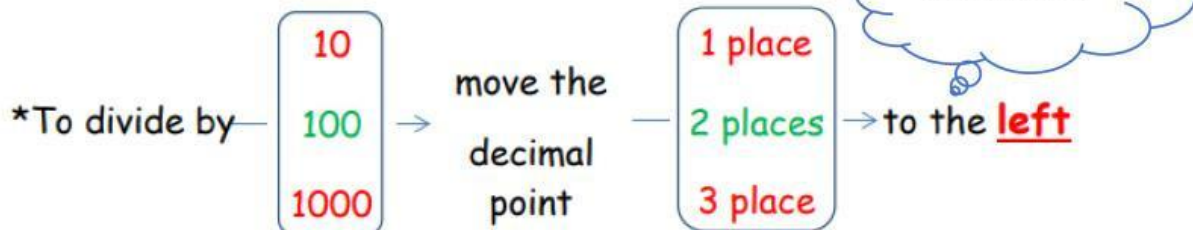
$6796 \div 15 = \dots\dots\dots$

$1621 \div 60 = \dots\dots\dots$

Parts of a Division

11	÷	2	=	5	R	1
dividend		divisor		quotient		remainder

		5	← quotient
divisor →	2	) 11	← dividend
		10	
		1	← remainder



Complete :

$4.920 \div 0.1 = \dots\dots\dots$

$83.38 \div 0.01 = \dots\dots\dots$

$9.27 \div 0.01 = \dots\dots\dots$

$82.289 \div 0.01 = \dots\dots\dots$

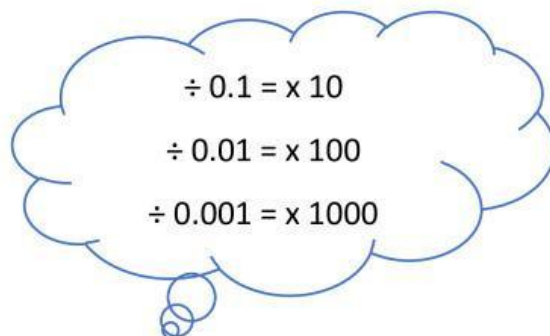
$2.2763 \div 0.001 = \dots\dots\dots$

$5.393 \div 0.01 = \dots\dots\dots$

$7.8 \div 0.01 = \dots\dots\dots$

$637.3 \div \dots\dots\dots = 63730$

$4.339 \div \dots\dots\dots = 43.39$



Remember

Estimate the quotient $17.5 \div 5 = \dots\dots\dots$

$$15 \div 5 = 3$$

3 is underestimate because
estimated number of dividend 15
is less than the actual dividend

$$20 \div 5 = 4$$

4 is overestimate because
estimated number of dividend 20
is greater than the actual dividend

In division :Estimate means round to the nearest two numbers divisible by each other

Estimate :

$$7.3 \div 2 = \dots\dots\dots$$

$$24.6 \div 3.2 = \dots\dots\dots$$

$$63.14 \div 8.7 = \dots\dots\dots$$

$$52.2 \div 9 = \dots\dots\dots$$

Answer the following :

$$650.4 \div 1.2 = \dots\dots\dots$$

$$814.5 \div 15 = \dots\dots\dots$$

$$612.5 \div 25 = \dots\dots\dots$$

$$16.12 \div 1.3 = \dots\dots\dots$$

Remember: The divisor
must be a whole
number

Remember

Order of operations:

- 1- Perform any operations in parentheses.
- 2- Multiply and divide from left to right.
- 3- Add and subtract from left to right.

Find :

$$4 + 3 \times 2 - 7 = \dots\dots\dots$$

$$(3 + 5) \times 10 = \dots\dots\dots$$

$$3.5 + 2.8 - 5 = \dots\dots\dots$$

$$2 + 50 \div 10 - 3 = \dots\dots\dots$$

$$4 \times 3 + 8 = \dots\dots\dots$$

$$3 \times 4 \div 2 + 7.9 = \dots\dots\dots$$

Remember

Numerical pattern: is a sequence of number according to a certain rule.

Pattern rule: is the relationship between the number and the number before it.

Write the rule then complete the pattern :

4 , 8 , 12 , 16 , rule :

5 , 50 , 500 ,rule :

1.5 , 3 , 4.5 ,rule :

27 , 24 , 21 ,rule :

2 , 6 , 10 ,rule :

10 , 15 , 20 ,rule :