Name: _____   **Class/Sec: _____**   **Date _____**

MATH REINFORCEMENT WORKSHEET (3) – YEAR 3

TOPICS: DECIMALS, FRACTIONS, MEASUREMENTS

Q.1.   a)   Place Value:

i)   Write the place value of the underlined digit.

   a) 2.6$\underline{7}$ b) 0.$\underline{4}$3   c) $\underline{1}$.2   d) 0.0$\underline{8}$

ii)   Write in words.

   a) 26.47   b) 30.2   c) 0.08   d) 0.99

iii)   Write in Numbers.

   a) Six tenths and nine hundredths.
   b) Thirty seven, four tenths and one hundredths.
   c) Two and three hundredths.

Q.1.   b)   Write the following as decimals.

i) $\dfrac{6}{100}$ = 0.06   ii) $1\dfrac{2}{10}$ iii) $\dfrac{4}{10}$

iv) $7\dfrac{3}{100}$

c)   Write in ascending order.

0.84 , 0.08 , 8.84 _____

d)   Write in descending order.

4.67 , 42.67 , 0.67 _____

e)   Which is the smallest mass?

42.3 kg   42.00 kg   42.2 kg _____

f)   Which is the greatest length?

27.31m   27.30 m   27.39 m _____

Q.2. **Find the equivalent fractions for the following.**

a) $\dfrac{25}{\_\_} = \dfrac{5}{6}$

b) $\dfrac{8}{16} = \dfrac{\_\_}{4}$

c) $\dfrac{1}{3} = \dfrac{6}{\_\_}$

d) $\dfrac{2}{4} = \dfrac{4}{\_\_}$

e) $\dfrac{\_\_}{9} = \dfrac{2}{3}$

Q.3. **Calculate the fraction of amount.**

a) $\dfrac{1}{5}$ of 10

b) $\dfrac{1}{3}$ of 9

c) $\dfrac{1}{4}$ of 20

d) $\dfrac{1}{12}$ of 12

Q.4. **Express fraction as division and vice versa.**

a) $\dfrac{9}{16}$

b) $\dfrac{4}{8}$

c) $\dfrac{25}{6}$

d) $18 \div 2$

Q.5. **Convert improper fraction into mixed numbers.**

a) $\dfrac{12}{5}$

b) $\dfrac{17}{2}$

Q.6. **Add these:**

a)   35.50
   + 23.03
   _____

   _____

b)   47.77
   + 0.64
   _____

   _____

Q.7. **Subtract these.**

a)   97.63
   - 54.94
   _____

   _____

b)   80.00
   - 47.33
   _____

   _____

Q.8. **Measurements:**

a)   1 litre = _____ ml.

b)   _____ kg = 1000 grams

c)   1 meter = _____ cm.

d)   1 km = _____ m.

Q.9. **Write these length in metres and centimeters.**

a)   8 m 80 cm

= _____ m + _____ cm

= _____ cm + _____ cm

= _____ cm

b)   233 cm

= _____ cm + _____ cm

= _____ m + _____ cm

= _____ m   _____ cm

Q.10. **Fill in the blanks with km, m, or cm.**

a)   A giraffe is 12 _____ long.

b)   A tiger can jump 15 _____ high.

c)   A building is 10 _____ tall.

d)   A mirror is 46 _____ long.

Q.11. **Add these:**

a)   4 m 65 cm

+ 2 m 42 cm

_____

b)   10 km 42 m

+ 24 km 89 m

_____

Q.12. **Subtract these:**

a)   9 m 44 cm

- 8 m 57 cm

_____

b)   7 km 92 m

+ 1km 47 m

_____

Q.13. **Add these masses.**

a)   2 kg 440 g

+ 0 kg 360 g

_____

b)   1 kg   65 g

+ 1 kg 423 g

_____

Q.14. **Subtract these masses:**

a)   4 kg 500 g

- 2 kg 650 g

_____

b)   6 kg 735 g

- 1 kg 242g

_____

Q.15. a)   Read the scales and write the answers.

How many ml? ___   How many ml? _____
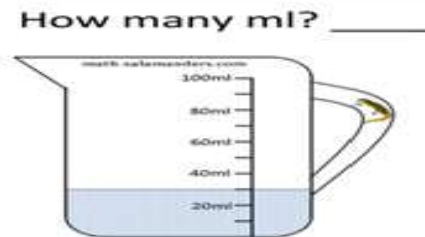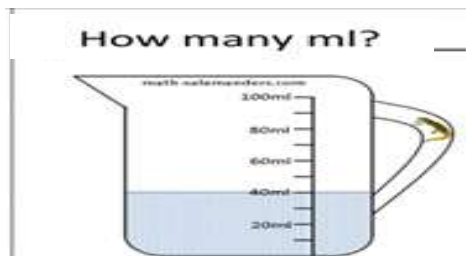
How long is the line? _____ cm
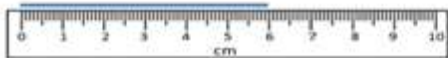
How long is the line? _____ mm

How many g? _____

b)   Circle the capacities that make 1 litre.

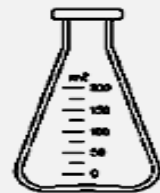100 ml   50 ml   250ml

500 ml   10 ml   200 ml

Q.16.   What unit is used to measure the following?

Sr #	Items	Unit used for measurement
i	Angles	
ii	Weight of a bag of rice	
iii	Length of an earthworm	
iv	Water in a jug	