

The Primary Stage of Grades (4-5)
School Year 2022 – 2023
Second semester

Name: Key
 Date: / / 2023

Subject: Math
 Final Revision Class: Grade 4CP (C,D,E,F&G)

Objectives:

- Read, write, Partition Decimal numbers. Apply four operations on decimal numbers.
- Length, mass and capacity
- Perimeter and area

Question 1:

Complete the table below

Words	Figures	Partition
Three hundred fourteen and one hundred ninety-three thousandths	314.193	$300 + 10 + 4 + 0.1 + 0.09 + 0.003$
Seventeen and one thousandths. OR Seventeen point zero zero one	17.001	$10 + 7 + 0.001$
Five hundred fourteen point one zero six Five hundred fourteen and one hundred six thousandths	514.106	$500 + 10 + 4 + 0.1 + 0.006$
Twelve and fifteen hundredths	12.15	$10 + 2 + 0.1 + 0.05$

whole #
 H T U . Tenths hundredths thousandths

Question 2:

Complete the table below

Double	Original Number	Half
14.4	7.2	$7 + 0.2$ $3.5 + 0.1 = 3.6$
12.6	$10 + 2 + 0.6$ $5 + 1 + 0.3 = 6.3$	$6 + 0.3$ $3 + 0.15 = 3.15$
$10 + 0.6$ $20 + 1.2 = 21.2$	$5 + 0.3$ $10 + 0.6 = 10.6$	5.3

Question 3:

Write the place value and value of the underlined digit

Number	Place Value	Value
10.23 <u>4</u>	thousandths	0.004
8 <u>2</u> 5.147	Tens	20
23.5 <u>2</u> 6	Tenths	0.5

Question 4:

Order the following from smallest to largest

a) 20.01 , 19.99, 15.55 , ~~20.01~~ 15.10

smallest: 15.10 15.55 19.99 20.00 20.01

$$\frac{5}{100} = 0.05$$

$$\frac{6}{10} = \frac{2 \times 3}{2 \times 5}, \quad 0.5, \quad 5\%, \quad 1.50, \quad 0.005 \text{ (make all same notation)}$$

0.600, 0.500, 1.500, 0.005 three digits after dec.

Smallest: 0.005 \downarrow 0.500 / 0.600 / 1.500 (ORDER)
 \downarrow
 0.05/

c) 7kg 15g, 7kg 77g, 7210g, 7007g all in Kg OR g

$$(g) \quad \begin{matrix} 7000+15 \\ 7015g, \end{matrix} \quad 7077g \quad 7210g \quad 7007g$$

$$(Kg) \quad 7.015Kg \quad 7.077Kg \quad 7.210Kg \quad 7.007Kg$$

Smallest: 7.007Kg / 7.015Kg / 7.077Kg / 7.210Kg

d) 4 cm, 40 m, 0.041 Km, 4000 m \rightarrow all in cm

$$4cm \quad 4000cm \quad 4100cm \quad 40000cm \text{ done.}$$

Question 5:

Write (>, < or =) to make the following statements true

a) 32.01 32.00

b) 58.6 42.6

c) $\frac{1}{2}$ L 500mL

0.5

d) 7.220 7.002

make both before same unit before comparing

e) $82 \text{ L} > 8321 \text{ ml}$

$\times 1000$
 $82,000 \text{ mL} > 8,321 \text{ mL}$

$8321 \div 1000 = 8.321 \text{ L}$

$1125 \div 1000 =$

1.125

$<$

1.200

f) 1125 g

$<$

$1.2 \text{ kg} \times 1000$

1200 g

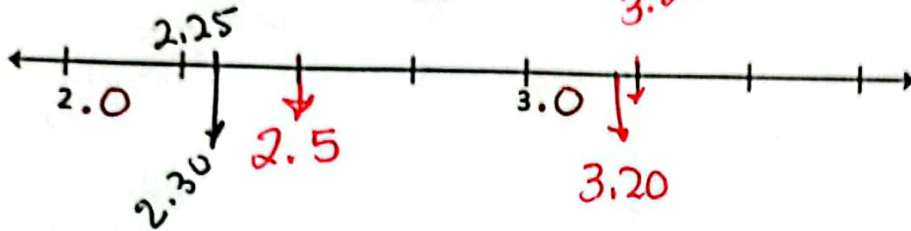
1200 g

Question 6:

Label the following on the number line below

Extra not included in Exam

a) 2.5 , 3.20 , 2.30

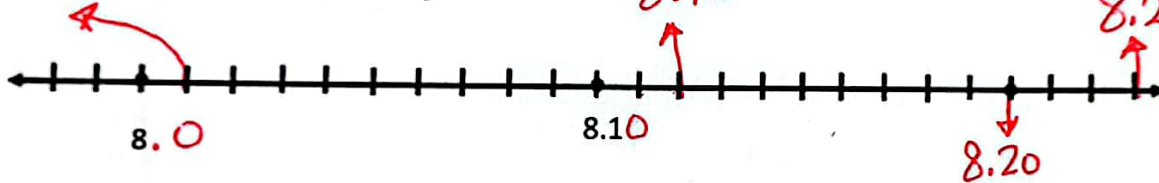


$30 - 20 = 1.0$

$\frac{1}{4} = 0.25$

skip by 0.25

b) 8.01 , 8.12 , 8.23



Question 7:

Complete to make the following statements true: Use inverse Operation

a) $1.35 + 6.30 = 7.65$

$$\begin{array}{r} 7.65 \\ - 1.35 \\ \hline 6.30 \end{array}$$

b) $6.84 - 4.22 = 2.62$

$$\begin{array}{r} 2.62 \\ + 4.22 \\ \hline 6.84 \end{array}$$

c) $98.3 + 4.7 = 103$

$$\begin{array}{r} 103.0 \\ - 98.3 \\ \hline 04.7 \end{array}$$

d) $232.2 - 67.2 = 165$

$$\begin{array}{r} 232.2 \\ - 67.2 \\ \hline 165.0 \end{array}$$

don't forget to line up the digits + decimal point before add or subtract

$$e) 0.36 + \underline{0.64} = 1$$

$$\begin{array}{r} 0.96 \\ - 0.36 \\ \hline 0.64 \end{array}$$

$$f) \underline{1.36} - 0.36 = 1$$

$$\begin{array}{r} + 1.00 \\ \underline{0.36} \\ 1.36 \end{array}$$

$$g) 9.43 + \underline{12.67} = 22.1$$

$$\begin{array}{r} 22.10 \\ - 9.43 \\ \hline 12.67 \end{array}$$

$$h) 8.52 - \underline{2.13} = 6.39$$

$$\begin{array}{r} 8.52 \\ - 2.13 \\ \hline 6.39 \end{array}$$

$$i) 0.256 \times 10 = 2.56$$

① →

$$j) 32.01 \div 100 =$$

← 2

$$0.3201$$

$$k) 6.33 \div 100 = 0.0633$$

② ←

$$l) 0.0287 \times 1000 =$$

③ →

$$28.7$$

$$m) 2.8 \div 4 = 0.7$$

$$28 \div 4 = 7$$

$$n) 0.63 \div 7 =$$

$$63 \div 7 = 9$$

$$0.63 \div 7 = 0.09$$

$$o) 6.3 \times 2.5 =$$

$$\begin{array}{r} 63 \\ \times 25 \\ \hline 315 \\ + 1260 \\ \hline 1575 \end{array}$$

2 digits after dec.

$$15.75$$

$$p) 22.3 \times 1.7 = 2 \text{ digits after dec.}$$

$$\begin{array}{r} 223 \\ \times 17 \\ \hline 1561 \\ + 2230 \\ \hline 3791 \end{array}$$

$$37.91$$

$$q) 0.12 \times 3.9 =$$

$$\begin{array}{r} 12 \\ \times 39 \\ \hline 108 \\ + 360 \\ \hline 468 \end{array}$$

$$0.468$$

$$r) 0.056 \div 8 =$$

$$56 \div 8 = 7 \rightarrow \text{Remove dec. + divide}$$

Three digits after dec.

$$\text{ans. } 0.007$$

Move dec. forward

move dec. backward

Remove dec. + divide count # of digits after dec.

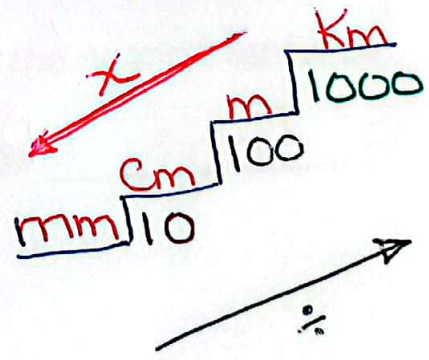
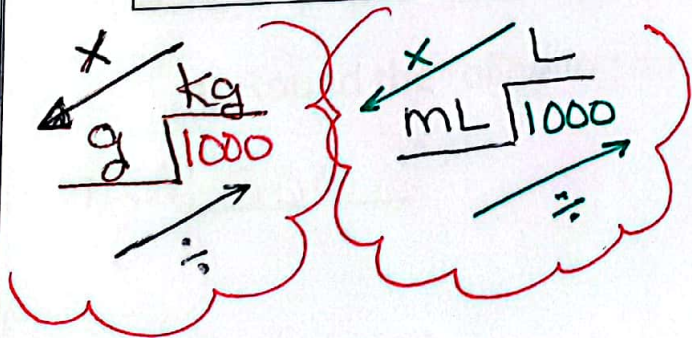
Remove dec. then put back @ final ans.

Question 8:

Convert the following:

<p>a) $1.7 \text{ L} = \underline{\hspace{2cm}} \text{ ml}$</p> <p>$1.7 \times 1000 = 1700.0$</p> <p>$\xrightarrow{\text{3 steps}}$ OR</p> <p>1700 mL</p>	<p>b) $3689 \text{ g} = \underline{\hspace{2cm}} \text{ Kg}$</p> <p>$3689.0 \div 1000$</p> <p>$\xleftarrow{\text{3}} \text{ move dec. back}$</p> <p>$3.689 \text{ Kg}$</p>
<p>c) $3.4 \text{ cm} = \underline{34} \text{ mm}$</p> <p>$3.4 \times 10 = 34$</p>	<p>d) $5.2 \text{ cm} = \underline{0.052} \text{ m}$</p> <p>$5.2 \div 100 = 0.052$</p>
<p>e) $632 \text{ cm} = \underline{6.32} \text{ m}$</p> <p>$632 \div 100 = 6.32$</p>	<p>f) $66.3 \text{ m} = \underline{\hspace{2cm}} \text{ mm}$</p> <p>$66.3 \times 1000 = 66300 \text{ mm}$</p>
<p>g) $51 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$</p> <p>$51 \times 1000 = 51000 \text{ g}$</p>	<p>h) $98 \text{ g} = \underline{\hspace{2cm}} \text{ Kg}$</p> <p>$98 \div 1000 = 0.098 \text{ Kg}$</p>

move dec.



Question 9:

Use > or < or = to make the following statements true: (Show your work)
"Make both numbers same units"

a) 6.8 km = 6km 800m
 $800 \div 1000 = 0.8$
6.8

b) 30 cm = 300 mm
 $30 \times 10 = 300$

c) 7.1 L > 7L (1 ml)
 $1 \div 1000 = 0.001$
7.100
7.001 L

d) 90000 ml > 9.0 L
90 L

e) 2kg 150 g = 2.15kg
 $150 \div 1000 = 0.150$
2.15

f) 1.6 kg < 1601g
 $1601 \div 1000 = 1.601$
1.600

g) 3m 52 cm < 35.21 m
 $52 \div 100 = 0.52$
3.52

Question 10:

A) Round the following numbers to the nearest hundred

i) 521 500

ii) 321.02 300

iii) 963.95 1,000

iv) 103.102 100

B) Round the following numbers to the nearest One decimal place

i) 100.025 100.0

ii) 526.885 526.9

iii) 7.223 7.2

iv) 78.335 78.3

C) Round to the nearest whole number

i) 100.5 101

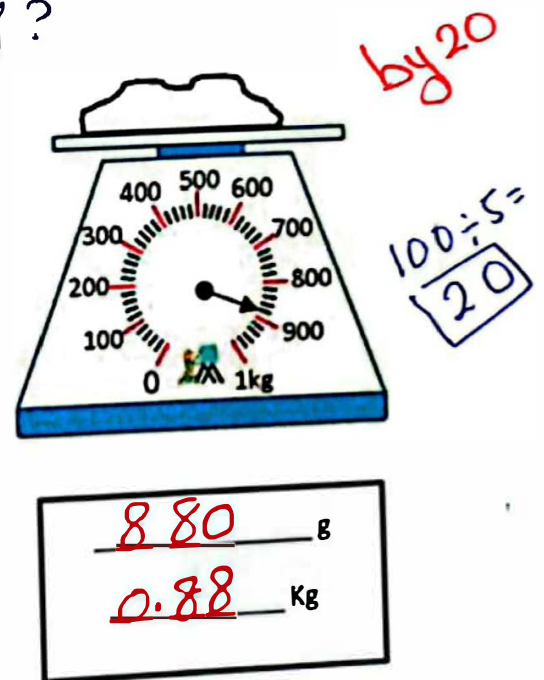
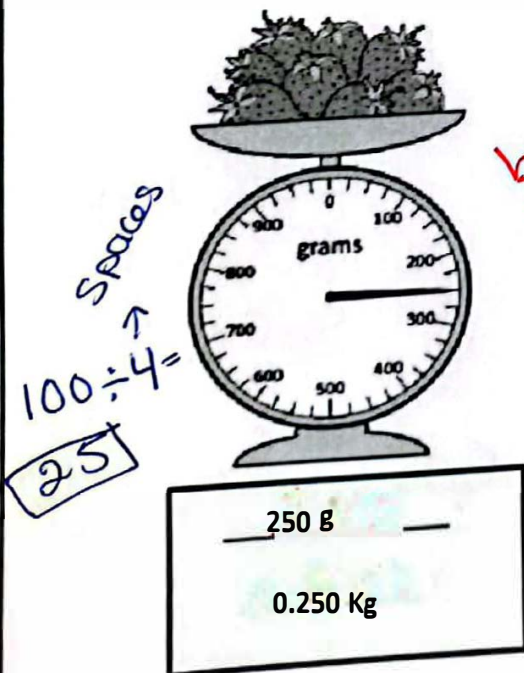
ii) 7.931 8

iii) 789.01 789

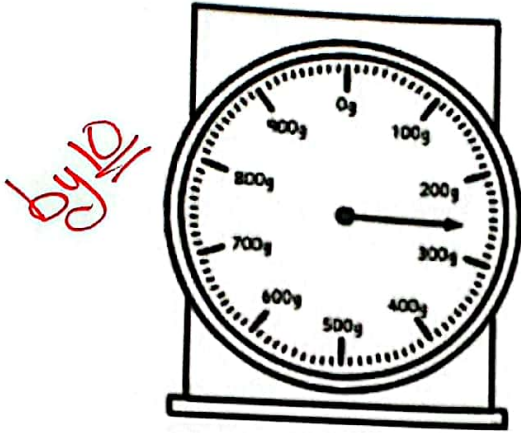
iv) 123.321 123

Question 11:

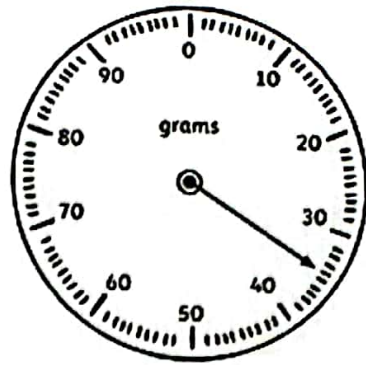
Read the scales below and write the weights in grams and Kg.
Skip count by ?



1st step skip count by ?



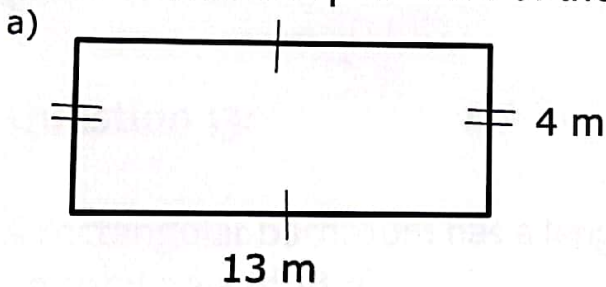
260 g
0.260 kg



34 g
0.034 kg

Question 12:

Find the area and perimeter of the following shapes:



Don't forget to write the rules

don't forget the units

$$A = L \times W$$

$$= 13 \times 4$$

$$= 52 \text{ m}^2$$

$$\begin{array}{r} \times 13 \\ 4 \\ \hline 52 \end{array}$$

Area = 52 m²

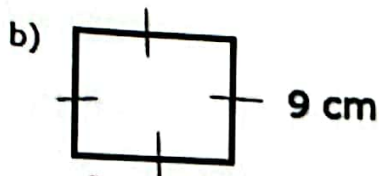
$$P = L + L + W + W$$

$$= 13 + 13 + 4 + 4$$

$$= 26 + 8$$

$$= 34 \text{ m}$$

Perimeter = 34 m



Area of a Square = Side \times Side
 $= 9 \text{ cm} \times 9 \text{ cm}$
 $= 81 \text{ cm}^2$

Area = 81 cm²

$P = \# \text{ of Sides} \times \text{Side Length}$
 $= 4 \times 9 \text{ cm}$
 $= 36 \text{ cm}$

Perimeter = 36 cm



$P = \# \text{ of Sides} \times \text{Side Length}$
 $P = 5 \times 56 \text{ mm}$
 $= 280 \text{ mm}$

$$\begin{array}{r} 280 \\ \times 56 \\ \hline 1680 \\ 14000 \\ \hline 280 \end{array}$$

Total distance around a shape

Perimeter = 28 cm = 280 mm = 28 cm 0 mm

$$280 \div 10 = 28$$

Question 13:

A rectangular bathroom has a length of 3m and a total area of 18m².

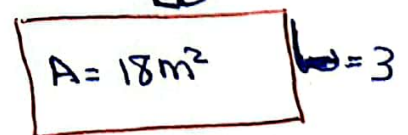
a) Find the width of the bathroom.

$$A = L \times W \quad 3 \times 6 = 18$$

$$18 = 3 \times ? \quad w = 6 \text{ cm}$$



1) draw your shape



2) label

3) Write the rule

b) Find the perimeter of the bathroom.

$$P = L + L + w + w$$

$$= 3 + 3 + 6 + 6$$

$$= 6 + 12$$

$$= 18 \text{ cm}$$

Question 14:

Rachel has a rope of length 60 m.

- She gave 12 m and 53 cm to Sam.
- She gave 18.35 m to Ron.
- She gave 9 m and 700mm to David.
- How many meters of rope is still left with Rachel?



60m

Sam
12m(53cm)
53 ÷ 100
12 + 0.53
12.53m

Ron
18.35m
18.35m

David
9m(700mm)
700 ÷ 1000
0.7m
9 + 0.7 = 9.7m
9.7m

(change all to m)

①
12.53
+ 18.35
+ 09.70

40.58 m she gives.

5
~~60.00~~
- 40.58

19.42 m Left with her

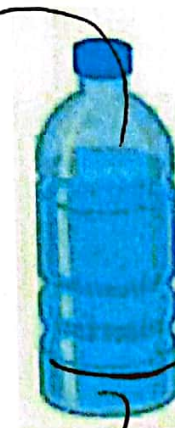
Question 15:

John has a bottle filled with juice. He poured 8 glasses each glass was filled with 350 ml of juice. There was 200 ml juice left in the bottle.

What was the capacity of bottle in liters?

Capacity = Poured + left
 = 2800 ml + 200 ml
 = 3000 ml

poured
 8×350



200ml left

$3,000 \div 1000 = 3 \text{ L}$
 Capacity of the bottle

④
 350×8

 2800 ml
 he poured

Question 16:

Tom has \$200 he bought a t-shirt for \$36.5, shoes for \$20.98, and a Tablet for \$102.3

a) How much did he spend in total?

$$\begin{array}{r} \text{Shirt and shoes and Tablet} \\ 36.5 + 20.98 + 102.3 = \\ \hline \$159.78 \end{array}$$

he spent in Total



b) How much did he have left with him?

$$\begin{array}{r} 200.00 \\ - 159.78 \\ \hline \$40.22 \end{array} \text{ he has left with him}$$

c) He decided to share the rest with his brother, how much will each get?

$$40.22 \div 2 = \$20.11 \text{ each one got.}$$

Question 17:

A room has an area of 36m^2

Write 4 possible lengths and widths for the room.

$$\text{Area} = L \times W$$

$$36 = \text{---} \times \text{---}$$

$$6 \times 6 \rightarrow \text{square Room}$$

$$\left. \begin{array}{l} 3 \times 12 \\ 4 \times 9 \\ 2 \times 18 \end{array} \right\} \text{Rectangular Rooms}$$

