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

Name: Key
Date: / / 2022

Subject: Mathematics
Class: Grade 4CP (C,D,E,F&G)
Revision (1)

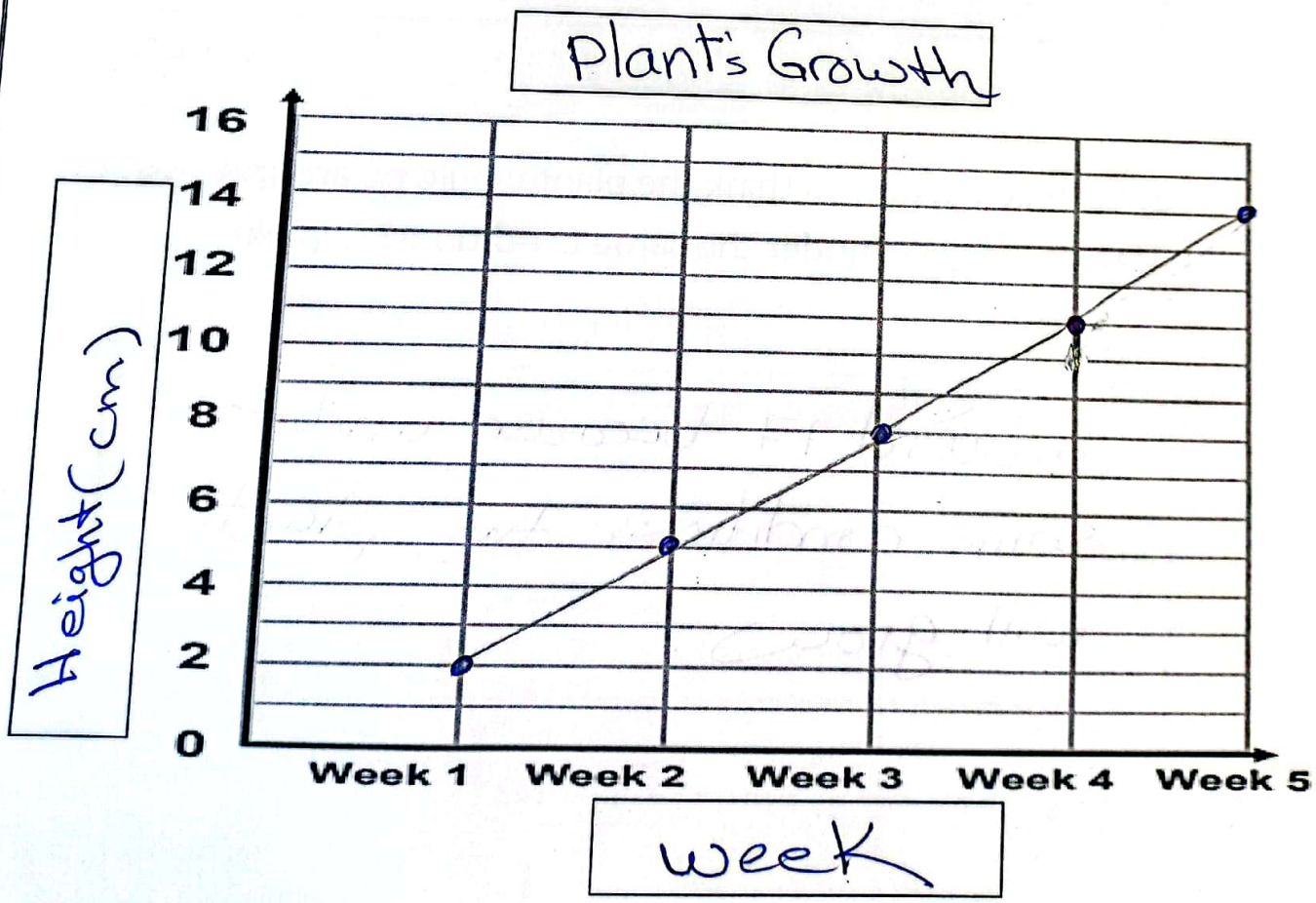
Objective/s: Be able to interpret and plot Line graph, Bar graph, Pictograph.
Be able to read, with, partition any 7 digits numbers.
Be able to differentiate between value and place value.
Be able to round numbers to the nearest 10 or 100 or 1000.

Question 1:

Emma measured her plants growth for five weeks.

Week	Week 1	Week 2	Week 3	Week 4	Week 5
Height (cm)	2	5	8	11	14

a) Plot a line graph using the above data and label axis.



b) How tall was the plant in **week 2?**

5 cm

c) How much had the plant grown from **week 1 to week 3?**

8 − 2 = 6 cm

d) How much had the plant grown from **week 2 to week 5?**

14 − 5 = 9 cm

e) On week 6, do you think the plant would be around **12 cm or 17 cm under the same conditions? Explain.**

around 17 because under same conditions the plant will grow.

Question 2:

The table shows information about the number of apples each student bought last week.

Student	Frequency
Patrick	12
Andrew	20
David	16
George	6

a) Show this information on a pictogram.

Patrick	4 + 4 + 4
Andrew	4 + 4 + 4 + 4 + 4
David	4 + 4 + 4 + 4
George	4 + 2

skip count in 4

Key:  Represents 4 apples.

b) Represent the above information using Tally Frequency Diagram.

Student	Tally	Frequency
Patrick	𝍸 𝍸 II	12
Andrew	𝍸 𝍸 𝍸 𝍸	20
David	𝍸 𝍸 I	16
George	𝍸 I	6

c) which student bought the greatest number of apples?

Andrew

d) Which student bought the least number of apples?

George

e) How many more apples did Patrick buy than George?

12 − 6 = 6 apples

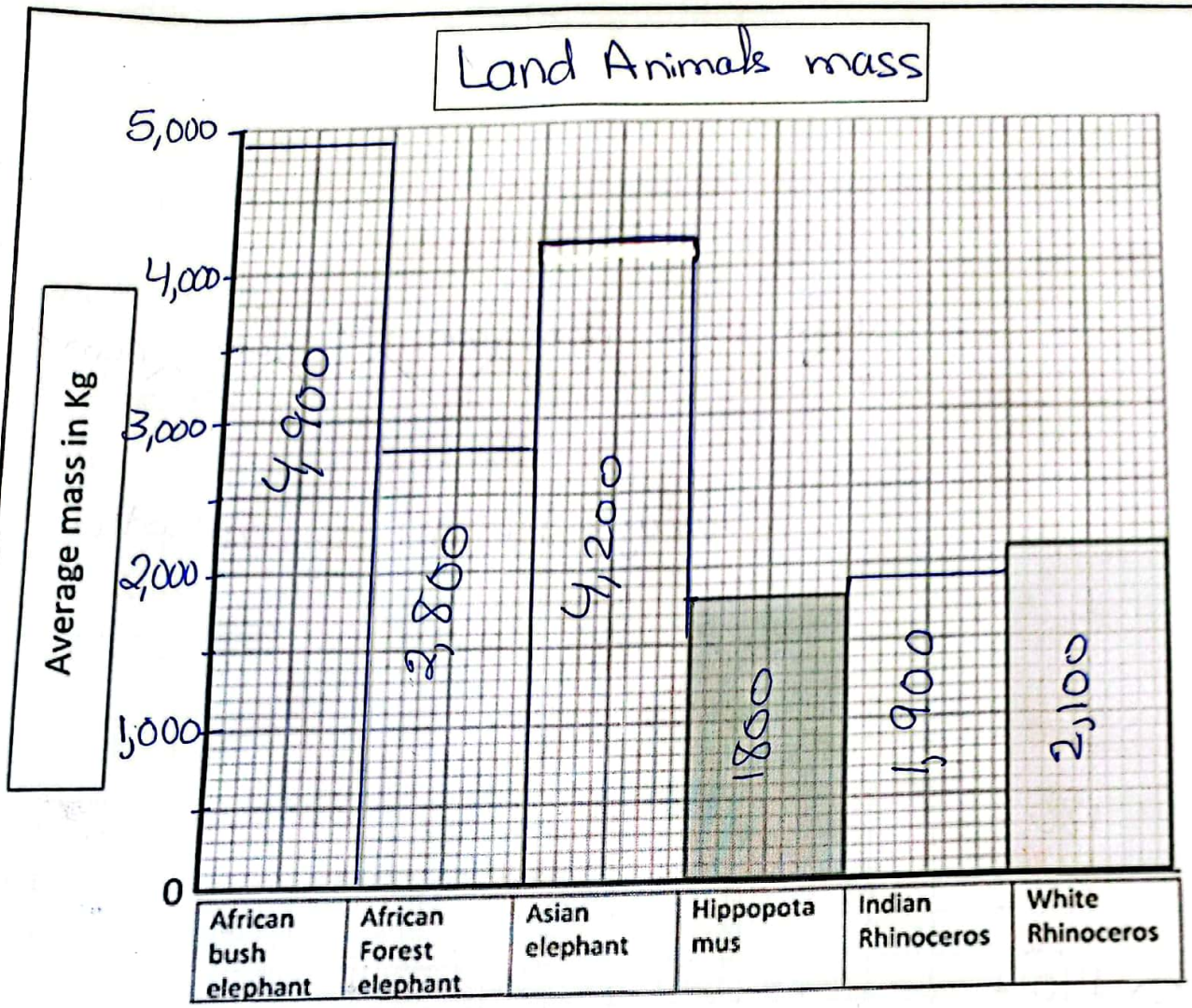
g) How many apples the students bought altogether?

12 + 20 + 16 + 6 = 54 apples

Question 3:

Here are the weights of some of the heaviest land animals in the world.

Land Animal	Average Mass (Kg)
African bush elephant	4900
African forest elephant	2800
Asian elephant	4200
Hippopotamus	1800
Indian rhinoceros	1900
White rhinoceros	2100



a) Complete the bar graph to show the weights of the animals.

b) Fill in the data for the Asian elephant and the hippopotamus using the bar graph.

c) How much heavier is the Asian elephant than the hippopotamus?

$$\begin{array}{r} {}^{3}\cancel{4},1200 \\ -\ 1,800 \\ \hline 2,400\ \text{Kg} \end{array}$$ heavier

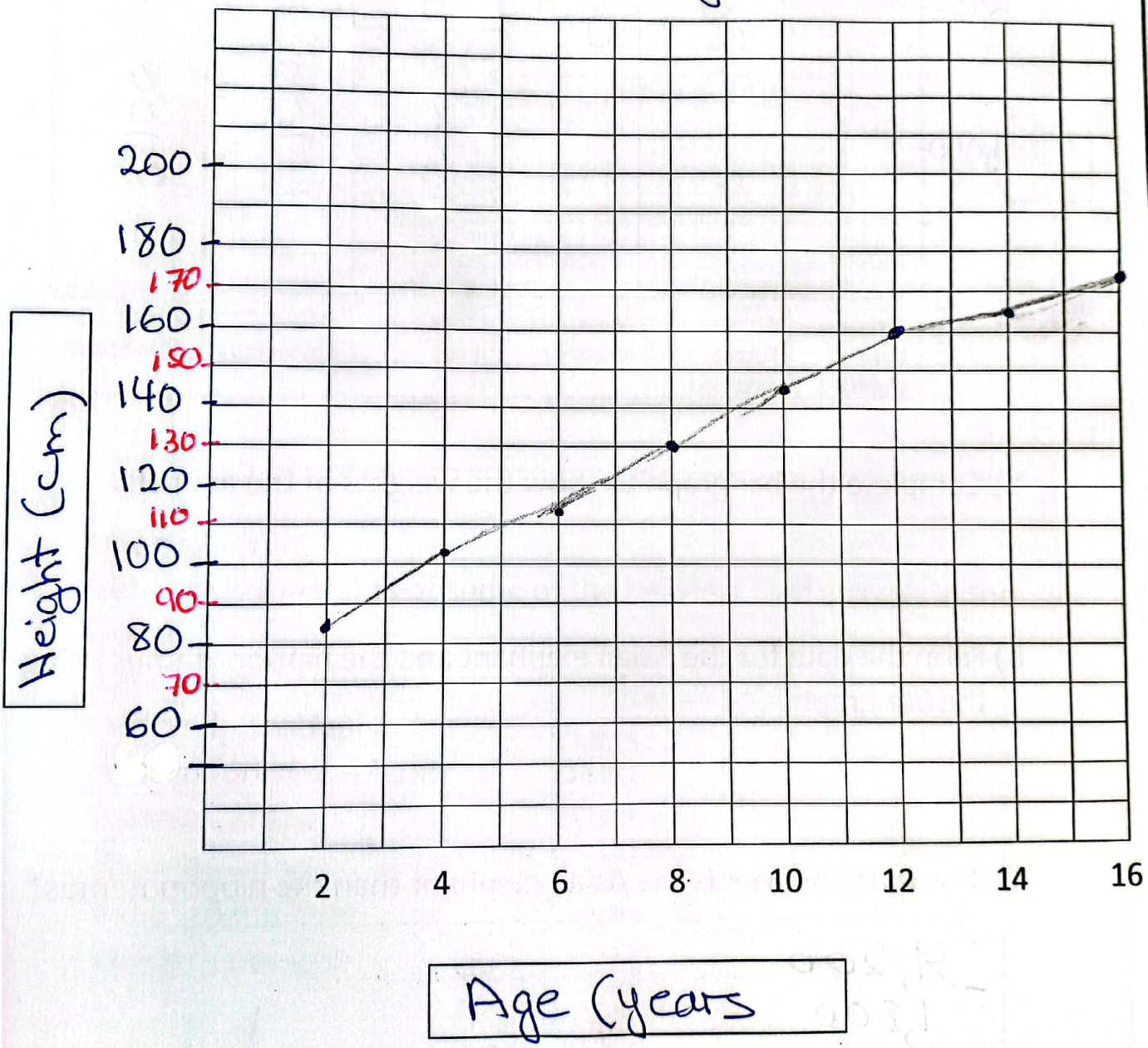
Question 4:

Sally's mom recorded her height every two years from the age 2 to 16 here is a table to show her height at different ages.

Age (years)	2	4	6	8	10	12	14	16
Height (cm)	86	102	112	130	145	160	165	171

16cm 10cm 18cm 15cm 15cm 5cm 6cm growth

Sally's height OR growth



Complete the missing points on the graph using the above table and answer the following questions.

a) What was Sally's Hight at the age of 8? 130 cm.

b) Between which two ages she grew the most?
age 6 and 8.

Question 5:

a) Complete the following table: - Use commas first
- label PV chart

	Standard	Word	Partition	Place value
i)	2048015	Two million, fourty-eight thousand and fifteen	2,000,000+ 40,000 + 8,000 + 10 + 5	4 = Ten thousand
ii)	3,102,006	Three million, one hundred two thousand and six.	3,000,000 + 100,000 + 2,000 + 6	2= thousand
iii)	250,608	Two hundred fifty thousand, six hundred-eight	50 000 + 600+ 8+ 200 000	5 = Ten thousand
iv)	891,527	eight hundred one thousand, five hundred Twenty seven	800,000 + 20 + 7 + 500 + 1,000	8= hundred thousand 2= tens 7= units 5 hundred 1= thousand

b) Order the above numbers (i) to (iv) starting from the smallest.

2,048,015, 3,102,006, 250,608, 801,527

250,608 < 801,527 < 2,048,015 < 3,102,006
Smallest

Question 6:

a) Write the value of the underlined digit in the following numbers:

i) 5073189

70,000

ii) 3280746

3,000,000

iii) 7402965

2,000

iv) 9182006

10,000

Name of digit (where does it live)

b) Write the Place value of the underlined digit in the following numbers:

thou' & ← ones fam.

ii) 4073165

Ten thousand

ii) 5280302

million →

iii) 3502962

thousand

iv) 7182458

hundred thousand

① pls. use commas
② underline desired digit.

Question 7:

500 is 100 more than 400

Complete the following:

a) 34568 is 100 more than 34,468

b) 206,746 is 1000 more than 205746

6,000 is 1000 more than 5,000

c) 3,250,047 is 100 less than 3250147

d) 205897 is 1000 less than 206,897

5,000 is 1000 less than 6,000

Question 8:

Round the following

① use commas
② underline the digit
③ Look next door

a) Round the following to the nearest 1000

i) 239619 231,000

ii) 127034 127,000

ii) 695014 695000

b) Round the following to the nearest 10

iii) 500698 500,700

ii) 62387 62,390

iii) 58906 58,910

c) Round the following to the nearest 100

iv) 609764 609,700 ii) 815499 815,500

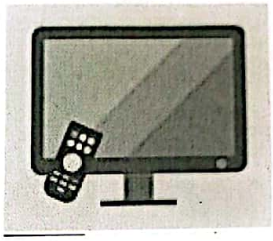
iii) 99974 100,000

Question 9:

Round the prices of the following items to the nearest $100

$1249 $1,200

$1021 $1,000



$1263 $1300

Question 10:

What is my number if:

Use place value chart to help

a) Unit digit is 2

b) Hundred thousand digit is 3 times unit digit. 3x2=6

c) Thousand digit is double unit digit. 2

a) Hundred digit is half the hundred thousand digit 6

___,604,302

I need to practice	
I fully Understood	