



Rosary School \ Marj Elhamam

Name :

Date : / 9 / 2025

Subject: Practice worksheet (2) / Unit (1)

Grade : 6 ()

Analysing and displaying data

❖ 1.1 Averages and range + 1.2 More averages and range

Q1: Find the mode of each set of data.

- a) 4, 6, 7, 6, 8, 9, 6 _____
- b) 10, 12, 14, 12, 15, 10 _____
- c) 2, 3, 4, 5, 6 _____
- d) 20, 18, 22, 20, 18, 25 _____
- e) 7, 8, 7, 9, 10, 7, 11 _____

Q2: A class survey shows the favorite pets of students; the following table shows the result.

	frequency
Cat	11
Dog	14
Fish	6
Bird	9

What is the mode pet? _____

Q3: The number of books borrowed in one week is as following:

5, 7, 8, 7, 9, 7, 6

Find the mode. _____

Q4: A dice was rolled 10 times; the results are shown below:

3, 4, 6, 3, 5, 2, 3, 1, 4, 3

Which number is the mode? _____

Q5: Find the median of each set of data.

a) 4, 6, 8, 10, 12 median = _____

b) 20, 22, 18, 21, 19 median = _____

c) 11, 13, 15, 17, 19 median = _____

d) 2, 4, 6, 8, 10, 12 median = _____

e) 9, 11, 13, 15, 17, 19, 21 median = _____

f) 8, 10, 12, 14, 16, 18, 20, 22 median = _____

Q6: The ages of 9 cousins are:

3, 5, 7, 9, 11, 13, 15, 17, 19

What is the median age? _____

Q7: Five students scores in a math test are as following:

28, 35, 31, 30, 29

What is the median score? _____

Q8: Find the mean of each set of data.

a) 2, 4, 6, 8, 10

mean = _____

b) 12, 14, 16, 18

mean = _____

c) 5, 15, 25, 35, 45

mean = _____

d) 7, 14, 21, 28

mean = _____

e) 3, 6, 9, 12, 15, 18

mean = _____

Q9: A farmer collected eggs for 4 days as following:

12, 15, 14, 19

What is the mean number of eggs collected per day? _____

Q10: Find the range of each set of data.

a) 2, 5, 7, 10, 13

Range = _____

b) 8, 12, 16, 20, 24

Range = _____

c) 4, 9, 11, 15, 6

Range = _____

Q11: Sam recorded the number of apples he ate in 5 days as following:

2, 4, 6, 8, 10

What is the range? _____

Q12: Which of these are discrete and which are continuous?

a) Number of books in a library. _____

b) Weight of a watermelon. _____

c) Number of buses at a station. _____

d) Time taken to finish homework. _____

Q13: The marks of 15 students in a spelling test are recorded as following:

3, 4, 5, 3, 6, 5, 4, 3, 5, 6, 4, 5, 3, 4, 5

Complete the frequency table:

Test mark	Tally	Frequency
3		
4		
5		
6		

What is the mode mark? _____

Q14: The ages of 20 students are:

11, 12, 11, 13, 12, 14, 13, 11, 12, 15, 12, 13, 11, 14, 12, 13, 11, 12, 14, 13

Complete the following grouped frequency table.

Age(year)	Tally	Frequency
11-12		
13-14		
15-16		

❖ 1.3 Two-way tables and bar charts + 1.4 More graphs and tables 1

Q1: A survey was conducted about favorite fruits, the following table shows the results

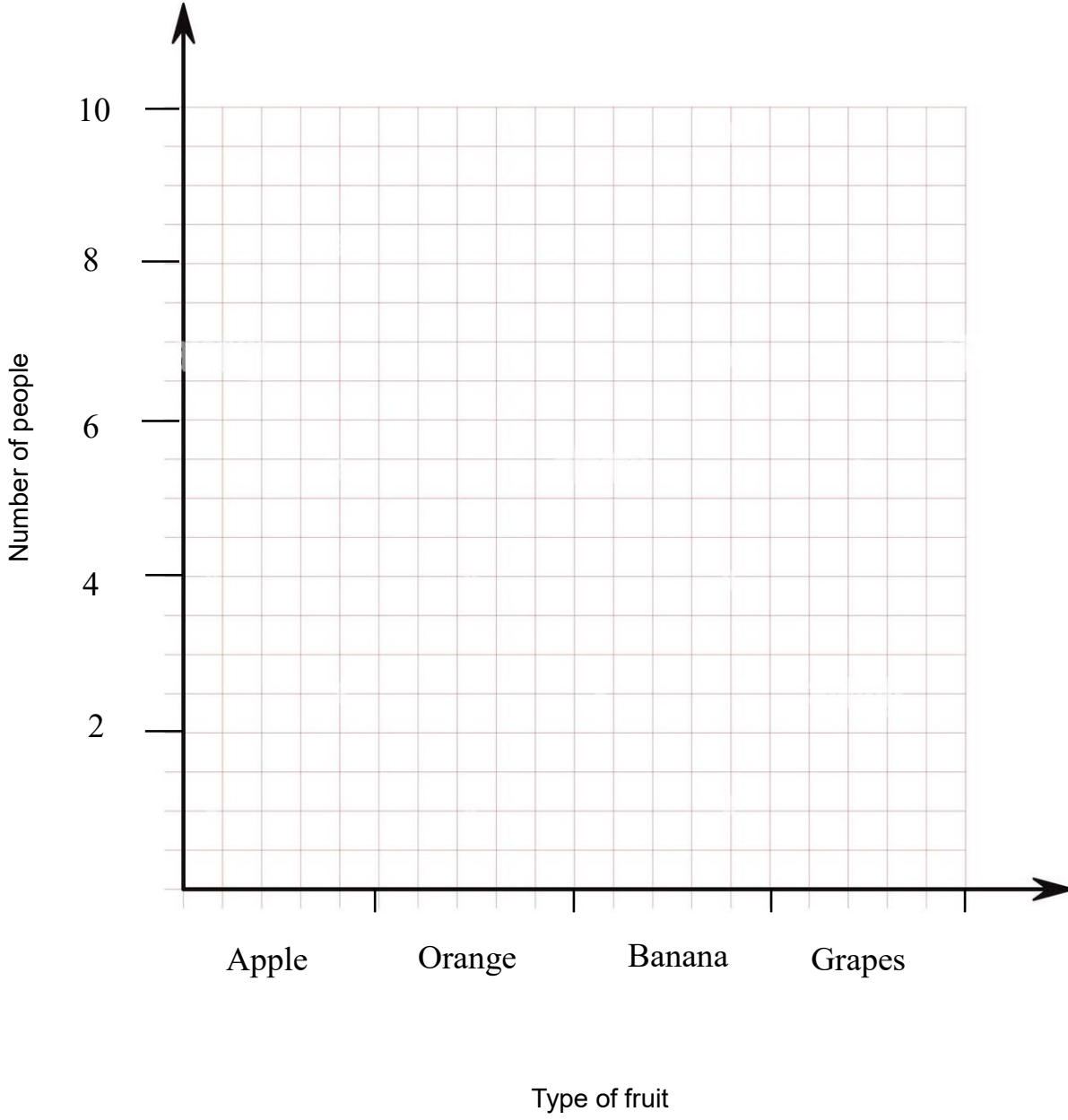
Fruit	Boys	Girls
Apple	7	3
Orange	4	5
banana	3	6
Grapes	2	4

a) Draw a dual bar chart to represent the data.

b) Draw a compound bar chart to represent the data.

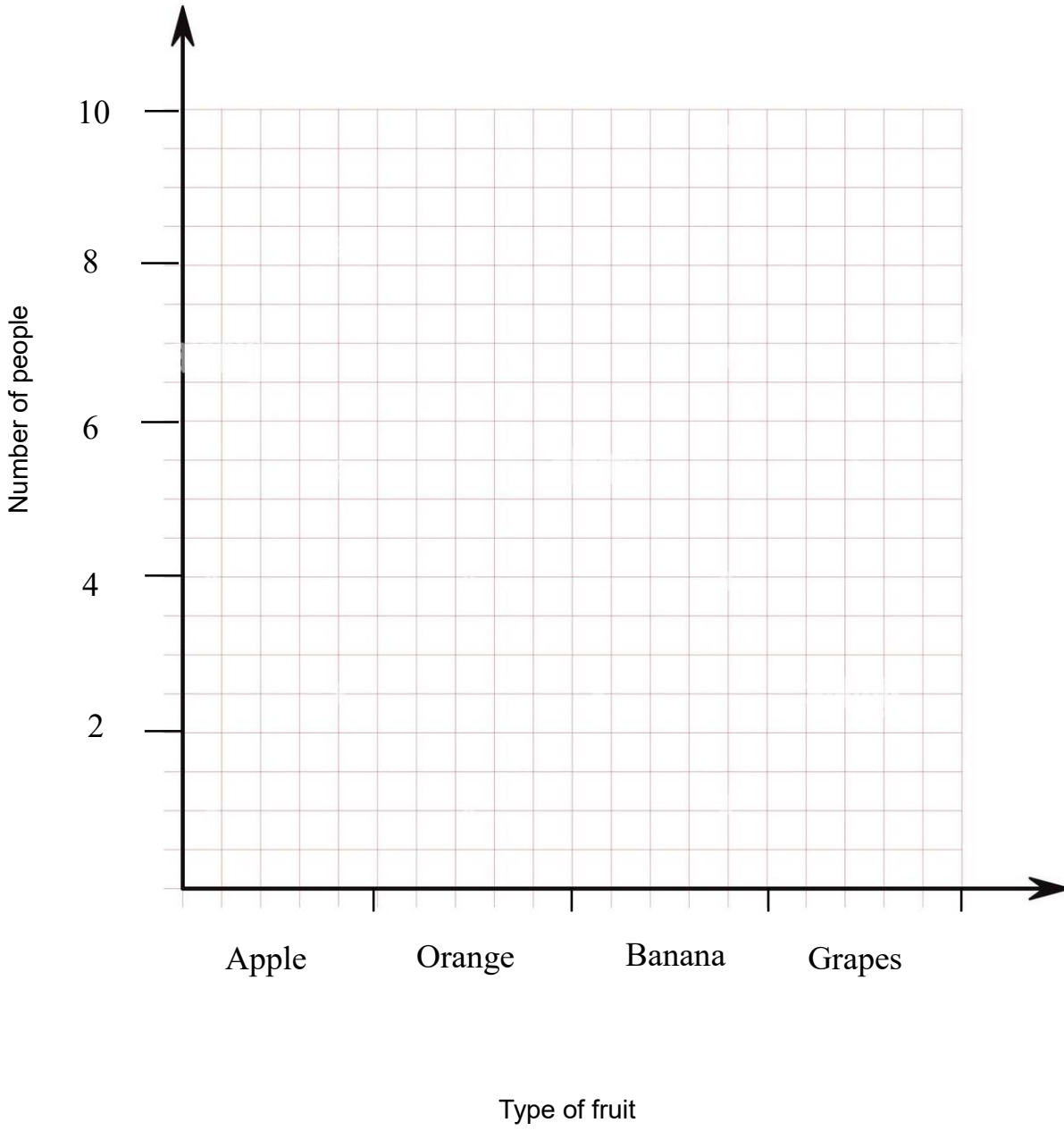
a)

Favorite fruits



b)

Favorite fruits



Q2: Students collected old magazines for 4 months

Month	Grade 5	Grade 6
Jan	20	25
Feb	30	35
Mar	25	30
Apr	35	40

a) In which month did Grade 6 collect the most magazines? _____

b) In which month did Grade 5 collect the fewest? _____

c) How many magazines did Grade 6 collect in total? _____

d) Which month had the fewest magazines overall? _____

e) What is the difference between the totals of Grade 5 and Grade 6?

Q3: Mary recorded the number of times she practiced piano for 5 weeks:

Week	Number of practices
Week 1	3
Week 2	5
Week 3	4
Week 4	6
Week 5	7

a) How many times did she practice in Week 4? _____

b) In which week did she practice the most? _____

c) In which week did she practice the least? _____

d) Draw a line graph to represent the data

