

SUBJECT: MATHEMATICS	GRADE: 4°	FG	G	T	1	2	3	4	DATE: Cycle 25 Oct 22 - Oct 29
		5	6	7	8	9	10	11	
STUDENT:		TEACHER: Karen Newball & Jaime Gonzalez							
FORMAL ASSESSMENT ☐		NON-FORMAL ASSESSMENT ☐							

Unit 23 Handling data

Lesson 5: Mode

- Find and interpret the mode of a set of data

1. Tom did a survey of his friends' favourite ice cream flavours. He put the results in a table.

Friend	Favourite Flavours
Amir	Chocolate, vanilla, bubble-gum
Florence	Strawberry, vanilla, cookie dough
Jack	Bubble-gum, cookie dough, chocolate
Ashia	Cookie dough, strawberry
Ethan	Vanilla, chocolate, cookie dough

a. Count how many there are of each flavour.

Write your answer using only numbers.

Numerals c, d, e use capital letter to answer

Chocolate	
Vanilla	
Bubble-gum	
Cookie dough	
Strawberry	

a. The flavour that appears most is

b. The mode is

(ice cream flavours)

1. Find the mode of each data set.

a. 3, 13, 16, 3, 12, 8, 22, 16, 8, 6, 3

MODE:

b. 14, 7, 3, 12, 3, 5, 5, 12, 10, 24, 12

MODE:

c. Apple, banana, apple, pear, peach, banana, peach, apple.

MODE:

- d. Red, blue, green, pink, pink, green, red, blue, pink, green, pink, red, pink. MODE:
- e. B, X, P, R, C, C, R, P, R, B, X, R, C, X, R MODE:
- f. 13cm, 5cm, 9cm, 3cm, 11cm, 13cm, 9cm, 3cm, 9cm, 9cm, 5cm, 13cm MODE:

2. Here is a music score, which shows the notes and chords that are played in a piece of music.

The chords are the letters and numbers above the lines of music, e.g. C and D7.

Construct a frequency table to find the mode chord in this piece of music.

The musical score consists of three staves. Above each staff are the chords to be played. The first staff contains the chords: G, G, D, C, D7, D7, D7, G, C, D7. The second staff contains: G, G, C, b, Am, D7, G, G, D7, D7, C. The third staff contains: C, C, C, G, D7, G, G.

Write the Chord in alphabetical order and use capital letters

Chord	Frequency

Mode:

3. Look at the table. Write the mode of the high and low temperatures recorded over a period of 12 months.

Write your answer using only numbers.

a. What are the modes of these sets of temperatures?

High

Low

Month	High	Low
January	50	27
February	54	29
March	61	34
April	71	42
May	79	50
June	86	58
July	61	59
August	87	60
September	83	50
October	73	43
November	61	33
December	52	28

b. How would the mode change if the first four low temperatures from January to April were: 23, 28, 29, and 28?

The mode would change to