



Math Department	Name:	
	Grade: (5)	
	Math Study Sheet	Date: / Sep/ 2025

Dear parents and students:

The first exam for Math will be on Monday 29/9/2025

The required lessons are:

Included Material:

Lesson 2: Extending Increasing Patterns P.2

Lesson 3: Extending Decreasing Patterns P.3

Exercise 1: what is the pattern rule for each pattern?

a) 3,6,9,....

pattern rule _____

b) 4,8,12,....

pattern rule _____

c) 20,15,10,.....

pattern rule _____

d) 100,99,98,.....

e) pattern rule _____

Exercise 2 : Suzan made a table to show the ingredients for fruit cocktail

a) Extend Suzan's pattern for up to five cups. Fill in the table:

Number of cups	Water (ml)	Banana	Strawberry	Milk (ml)	Honey (ml)
1	300	35	40	250	100
2	600	70	80	500	200
3					
4					
5					

b) Write the pattern rule for the following ingredients.

1- Water _____

2- Banana _____

3-Milk _____

Exercise 3 : Zain bought 12 pens, starting the next day, she used 3 pens each day at school. How many days did it take for Zain to use all pens?



Exercise 4 : Noor is packing 25 pieces of cupcake into boxes.

5 pieces fit in each box, so she created pattern to show the number of boxes she needs

Her pattern is 25, 20, 15,.....

a) Why do the numbers in Noor 's pattern decrease by 5?

b) How many boxes does she need?



Box