Name of member: _____

_____

_____

_____

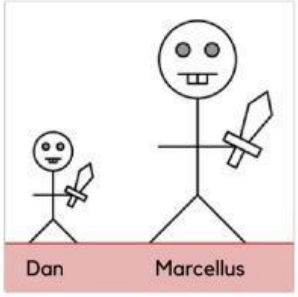
Class : _____

PROPORTIONAL RELATIONSHIPS

Goals : 1. Students understand about the concept of proportional relationships

2. Students can solve the problem about proportional relationships

Let's See The Problem



Dan and Marcellus like eating apples, if Dan can eat 1 apple in 4 minutes, and Marcellus can eat 2 apples in 4 minutes,

Fill the table below :

	4 minutes	8 minutes	12 minutes
Dan	1		
Marcellus	2		

Definition

Based on the table we know that :

what do you think about relationship between the apples and the time while eating the apples :

_____

_____

_____

The problem that you solve is the proportional relationships, so what is the proportional relationships ?

_____

_____

_____

Graph

Make graph from this table !

Apples	Minutes
2	4
4	8
6	12
8	16

Let's make a graph !

please open this link in your phone and make a graph based on the table

https://www.geogebra.org/calculator

Exercises :

1. Sarah is planning a road trip and calculates that it takes her 5 hours to drive 250 miles. If she continues at the same speed, how long will it take her to drive 500 miles?

Distance (miles)	Time (hours)
250	5
500	x

2. A recipe calls for 2 cups of flour to make 12 cookies. If you want to make 36 cookies, how many cups of flour do you need?

LIVEWORKSHEETS