

Physics Scenario: (Take 15 minutes):

1. Yokana a boda boda rider while on his way to the Nyana’s butcher to buy meat for his family, he met Nyago a tailor to whom he wanted to give a piece of cloth to make him a shirt. In your groups,



Fig.1



Fig.2

- (i) Give the possible instruments which will be used by Nyana and Nyago to serve yokana.
Nyana’s instruments:.....
Nyago’s instruments:.....
- (ii) Identify the possible units in which nyana and nyago will express their services.
Nyana:.....
Nyago:.....
- (iii) Give a name to the brief process Nyana and Nyago went through as they were serving Yokana. Name of process:.....

(iv) Define the process in (iii) above.

.....

.....

2. In your groups,

(a) Fill in the table below. (**Take 5 minutes**)

Physical Quantity	Name of unit	Abbreviation	Instrument
Mass			
Anger			
Length			
Time			
Temperature			
Area			
Happiness			
Weight			
Volume			
Sickness			
Density			

(b) From the table above, identify the measurable (physical) quantities and non-measurable (non-physical) quantities. (**Take 10 minutes**)

Physical quantities	Non-physical quantities

(c)**Conclusion:** from the types of quantities above, which one shall we look at in physics?
And Why?

Quantity:.....

Reason:.....
.....
.....
.....

(d) Suggest a possible definition for that type of quantity given in (c) above.

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Next: Group presentations (10 minutes)

Class activity (20 minutes): In a group of five, establish how long and how wide S.1A class is. State the possible instruments you would use and indicate the most accurate instrument.

How long?.....

How wide?.....

Other possible instruments

.....

Most accurate instrument:.....