



# Realistics Mathematics Education (RME)

Warabhorn Preechaporn & Teoh Boon Tat Mathematics Education Specialists SEAMEO RECSAM



#### Looking for the best buy!



### RM15 RM 23 Which one is a better buy?

#### Instruction

- Work in Pairs
- You are to write your solutions on pieces of mahjong paper for a <u>poster</u> <u>presentation</u>
- Spend 30 mins for this activity.
- Make sure each of you practice your communication/presentation skills



#### All about PIZZAs

- You received a call that some very good friends are dropping by for an unexpected visit this afternoon. And you are contemplating to treat them for lunch with pizza delivery.
- You search for a pizza pamphlet online or from the drawer. What would you order if there are 5 of them coming?
- And using your maths wisdom, consider what if 6,7,8, ..., 20 of them are coming?

Metacognise how you decide.

#### All about PIZZAs

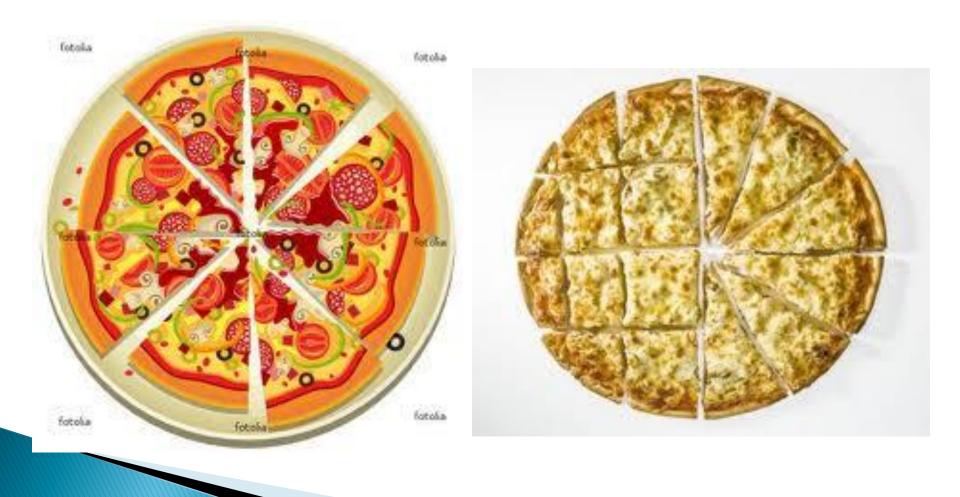
- Metacognise how you decide.
- Present your decision (which options that you choose? and why?):
- Where is mathematics involve?







"Half & Half Pizza - RM2 for Regular and RM3 for Large." Extra Topping RM2 for Regular, RM3 for Large. "Extra Cheese RM3 for Large. RM4 for Large "Minimum order for delivery is RM25 & above. "Limited delivery are written 4 Stress or Jaco." Manu process and large are adject to change written process. "Bit Meals cannot be used in corporation with other promotions or coupons. Roder carry only small amount of carb... "UT having & have base and be to be accessed in the topper and the topper and the topper carb." See Carry only small amount of carb... "UT having & have base and be topper carb."



#### Context-Based Learning Framework by Dr. Jack Holbrook

- 3 Stages
- 1. Contextualisation
- 2. De-Contextualisation
- 3. Re-Contextualisation



## Realistics Mathematics Education (RME) for Secondary Level

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#### All about PIZZAs

Note:

- a) If no pizza pamphlet available, search online.
- b) Metacognition-pizza sizes, prices, offers, drinks, consumption capacity of guests, likes & dislikes, variety of food, budget, ...