

TOPIC: WHOLE NUMBER

- ii. Basic operations with numbers up to seven digits
- iii. Learning Objective: Add subtract, multiply and divide numbers involving numbers up to seven digits.
- iv. iii Learning Outcomes: Solve division problems involving numbers up to seven digits

Teaching Aids

Duration: 1 hour

Number cards, story boards, flash cards.

Set Induction

1. Teacher shows numbers sentence card to pupils .
2. Pupils find the answer .

Step 1:

Pupils create stories from the given number sentence.

Pupils Activity:

1. Read the number sentences.
$$480 \div 8 =$$
2. Create stories from the number sentences.
3. Create different stories from the same number sentence.

Notes To Teacher

Emphasise on using phrases

s:

Try to follow the phases of discussion such as:

- o *sharing equally*
- o *group equally*

Teacher accepts any stories from pupils_ as long as the pupils create the story based on the number sentence given

Teacher's Instruction:

- o *Read the number sentences loudly.*
- o *Can you create stories from the number sentences?*
- o *Create stories from the number sentence.*
- o *Now, create another story_from the same number sentence.*

Expected answers from pupils:

Teacher accepts the story given base on the numbers sentences given_on the number cards.

Step 2:

Pupils solve problems following Polya's four step model.

<p><u>Pupils Activity:</u></p> <ol style="list-style-type: none"> 1. Read and understand the problem 2. Try to devise a plan using common strategies of problem solving. 3. Implement the plan. 4. Looking back. 	<p><u>Notes to teachers:</u></p> <ul style="list-style-type: none"> ○ Guide the pupils to use any common strategies of problem solving such as: Teacher may model or any strategies that are relevant. <p><u>e.g</u></p> <ul style="list-style-type: none"> • Try a simpler case • Trial and improvement • Draw a diagram • Working backwards
<p><u>Teacher's Instruction:</u></p> <p><i>Read and understand the problem</i></p> <ul style="list-style-type: none"> ○ What is the "key word" that you can find? ○ What is the operation that can we use/must we use ? ○ Solve the problem ○ Check your working. 	<p><u>Expected Answers from pupils:</u></p> <p><i>Pupils answer based on the problem given.</i></p>

Step 3: Working with the worksheet.Pupils Activity:

1. Teacher guides pupils to complete the paper and pencil activities based on the questions given.
 - i) A post office receives 360 240 Hari Raya cards. The cards must be delivered in a week. The same amount of cards are delivered everyday, how many cards should be delivered for a day .
How many cards should be delivered each day if the equal numbers of cards are delivered everyday ?
 - ii) Pak Busu collects 428 760 eggs from his farm. He puts 30 eggs into every tray. How many trays does he need to put all the eggs? He puts every 30 eggs into one tray. How many trays does he need ?
 - iii) Rani packs 8 beads in a plastic bag. There are 136 402 beads. How many packets of beads does she get?. How many beads are left ?
 - iv) RM 32 750 is shared equally among Dali and 4 of his friends. How much does each of them get ?

Teacher's Instruction:

1. *Can you solve these problems individually?*
2. *Identify the key word..*
3. *Use the correct operation to solve the problems.*
4. *Check your working and answer.*