

Unit : Number
Lesson : Divisibility Rules

Date : 13/1/2013

* Objective : Apply test of divisibility (2, 5, 10)

10 mins * **Starter** : - Review divisibility definition with students.
- Discuss with students how helpful to use divisibility rule to check for divisibility. « Pair Activity »

Display numbers and ask students to use their calculators to check if the given number is divisible by a fixed number.

10 mins * **Body** : - Using worksheet Part 1, students will investigate divisibility rule for 2 by using calculator to check which number is divisible by 2.
- Using powerpoint, discuss divisibility rule for 2 with students, and display examples and nonexamples.
- Display numbers on board and let students check if a given number is divisible by 2 using divisibility rule for 2.

15 mins - Repeat the previous 3 steps with 5 & 10.
- Using powerpoint, walk through examples on board and use divisibility rule for 2, 5 and 10 to test numbers.

5 mins - Have students complete the divisibility practice worksheet.

5 mins * **Plenary** : - Review objective orally.
1. Define divisibility 2. Ask them to repeat divisibility rule for $\frac{2}{5}$
- In pairs, student should come up with numbers divisible by 2, 5 and 10.

* **Assessment** : - Observe students for their participation.
- Assess students individually using the worksheet.

* **Homework** :

* Resources : Power point , Worksheet , Notebook , white board

* Teacher Notes :
* 7/E : Time was not enough to do plenary , Students use calculator slowly
* 7/F : Manage to do plenary 😊

* Differentiations : Engaging low ability students by giving them low level questions to solve on board.

7/E (Hind , Zainab , Marim , Fatima)

7/F (Hamda , Shamma , Suhwaya)

* Seating map : Model 1