

Divisibility Tests

Learning Objective:

- Identify divisibility rules for 2, 3, 5, and 10.
- Use divisibility tests for 2, 3, 5 and 10 on numbers up to 5-digits

Let's Talk Math:

- Introduce this unit as a continuation of multiplication and division.
- Before explaining the concept of factors and multiples reinforce multiplication tables of 2 to 10.

Make Sure You Have: Activity Cards

Number	Divisible by 2	Divisible by 3	Divisible by 5	Divisible by 10
18702	Yes	Yes	No	No
24900				
15672				
87534				
42207				
59345				

Activity: Number Match Challenge

Duration: 1 Lesson

Group Activity

Let's Try It:

- First revise the divisibility rules with the class.
- Let the pupils work in pairs.
- Provide each pair with an activity card.
- Time the activity and announce the winning pair, who finished first with all correct answers

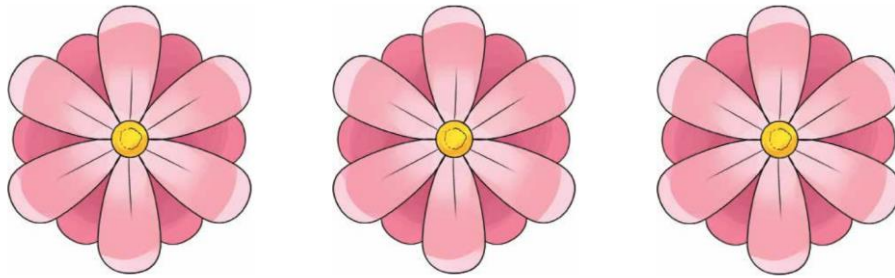
Assessment: Write ten numbers on the board, all are divisible by only one number. Ask the pupils to use the divisibility rules and figure out which number these are divisible by.

Factors and Multiples

Learning Objective: Find factors of a number up to 50.

Let's Talk Math: Tell pupils that a factor of a number is a number that divides the number completely, i.e. with no remainder.

Make Sure You Have: Cards sheets in light colours.



Activity: Factor Flower Challenge

Duration: 1 Lesson

Whole Class Activity

- Prepare multicoloured flower cut-outs and place them in a basket.
- Create large flowerpot cut-outs for each student. On each flowerpot, paste a bold, clearly visible number that pupils will find factors for.
- Each student will find the factors of the number on their assigned flowerpot and write the factors on the flower cut-outs.
- Place the flowers back into the basket once factors are written.
- Give one flowerpot to each student.
- Students will then sort the flowers from the basket, selecting the ones with the correct factors of the number on their flowerpot.
- Have the students paste the flowers on their flowerpots.
- Add a challenge by setting a time limit for completing the task.

Assessment: Ask the pupils to write four facts about factors of a number.