Number

Activity 1 Assessment

Developing Divisibility Rules for 2, 4, 5, 8, and 10

Developing Divisibility Rules for 2, 4, 5, 8, and 10			
Understands and applies a divisibility rule for 2 Any even number is divisible by 2, that is, any number with 0, 2, 4, 6, or 8 in the ones place.	Understands and applies divisibility rules for 5 and 10 All the multiples of 5 have 0 or 5 in the ones place, so any number with 0 or 5 in the ones place is divisible by 5. All the multiples of 10 have 0 in the ones place, so any number with 0 in the ones place is divisible by 10.	Understands and applies divisibility rules for 4 and 8 Because 4 = 2 × 2, if I can divide an even number by 2 twice and get no remainder, that number is divisible by 4. Because 8 = 2 × 2 × 2, if I can divide an even number by 2 three times and get no remainder, that number is divisible by 8.	Understands and applies divisibility rules for 2, 4, 5, 8, and 10 I know that 440 is divisible: • by 2, because 440 is an even number • by 4, because when 440 is divided by 2 twice, there is no remainder • by 8, because when 440 is divided by 2 three times, there is no remainder • by 5 and by 10, because 440 has 0 in the ones place
Observations/Documentation			