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| **Developing Divisibility Rules for 2, 4, 5, 8, and 10** |
| Understands and applies a divisibility rule for 2Any 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 10All 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 8Because 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 10I 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** |
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