## Activity 1 Assessment

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

| Developing Divisibility Rules for 2, 4, 5, 8, and 10 |  |  |  |
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| Understands and applies a divisibility rule for 2 <br> 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 <br> 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 . <br> 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 <br> Because $4=2 \times 2$, if $I$ can divide an even number by 2 twice and get no remainder, that number is divisible by 4 . <br> Because $8=2 \times 2 \times 2$, 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 <br> I know that 440 is divisible: <br> - by 2 , because 440 is an even number <br> - by 4 , because when 440 is divided by 2 twice, there is no remainder <br> - by 8 , because when 440 is divided by 2 three times, there is no remainder <br> - by 5 and by 10, because 440 has 0 in the ones place |
| Observations/Documentation |  |  |  |
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