Divisibility Rules

A number is divisible by…

A number can be divided (with no remainder) by …

2	**If the last digit is even (0, 2, 4, 6, 8)** **Examples: 106 ÷ 2 = 53 1,098 ÷ 2 = 549**
3	**If the sum of the digits can be divided by 3** **Example: 573 ÷ 3 = 191 5 + 7 + 3 = 15**
4	**If the last two digits form a number that can be divided by 4** **Examples: 324 ÷ 4 = 81 816 ÷ 4 = 204**
5	**If the last digit is 0 or 5** **Examples: 440 ÷ 5 = 88 765 ÷ 5 = 153**
6	**If the number can be divided by 2 and 3** **Examples: 870 ÷ 6 = 145 1,326 ÷ 6 = 221**
9	**If the sum of the digits can be divided by 9** **Examples: 774 ÷ 9 = 86 7 + 7 + 4 = 18**
10	**If the last digit is 0** **Examples: 710 ÷ 10 = 71 6,120 ÷ 10 = 612**

These rules are helpful if you need to reduce fractions.