A number is divisible by

2 if it is even

- 3 if the sum of its digits is divisible by 3
- 5 if its last digit is 0 or 5
- **9** if the sum of its digits is divisible by 9
- 10 if its last digit is 0

similar

1. Is 930 divisible by

2. Is
$$-783$$
 divisible by

2? ye

3. Is 43,905 divisible by 4+3+9+5=2

2? No

- 2? yu
- 176+3+1+2

3? yes

3? no

5? ye

5? NO

9? NC

9? NO

10? NO

10? NO

5. How are the divisibility rules useful for working with fractions?

They are helpful to reduce fractions $\frac{96}{102} = \frac{48}{51} = \frac{16}{17}$