[Prepare Students for an AI-Connected Future With Grammarly](https://www.youtube.com/watch?v=hNk2xr4MUS8)

How do I know if a number is rational?

1. Is it a whole number?
2. Can it be written as a fraction?
3. Do the decimal places repeat themselves?

If your number fits into one of the above categories, the number is rational. If it doesn't, then it is irrational.

Eg. Classify the following as rational or irrational.

1. 10/3
2. $\sqrt{4}$
3. $√7$
4. 8