## Quiz 1

Write a regular expression that defines the real numbers in *scientific notation* 

Examples include

3.14159

Pi

6.02e23

Avogadro's number

1.98892e30

Mass of sun in kg

700e-9

Wavelength of red light in meters

1

Counterexamples include

.5e.5

- Optional sign (2 points)
- Required digits left of "." (2 points)
- Optional fractional digits (2 points)
- Optional exponential expression with (2 pts)
  - Optional sign on exponent (1 pt)
  - Integral exponents (1 pt)