Comparing Unit Fractions

Unit Fractions

A unit fraction is a fraction with a numerator of 1.

Numerator
(how many) ➡

$$\frac{1}{2}$$

⬅ **Denominator**
(what kind)

$\frac{1}{3}$ $\frac{1}{100}$ $\frac{1}{25}$ $\frac{1}{5}$ $\frac{1}{50}$ $\frac{1}{7}$ $\frac{1}{1}$ $\frac{1}{4}$ $\frac{1}{20}$ $\frac{1}{8}$ $\frac{1}{10}$
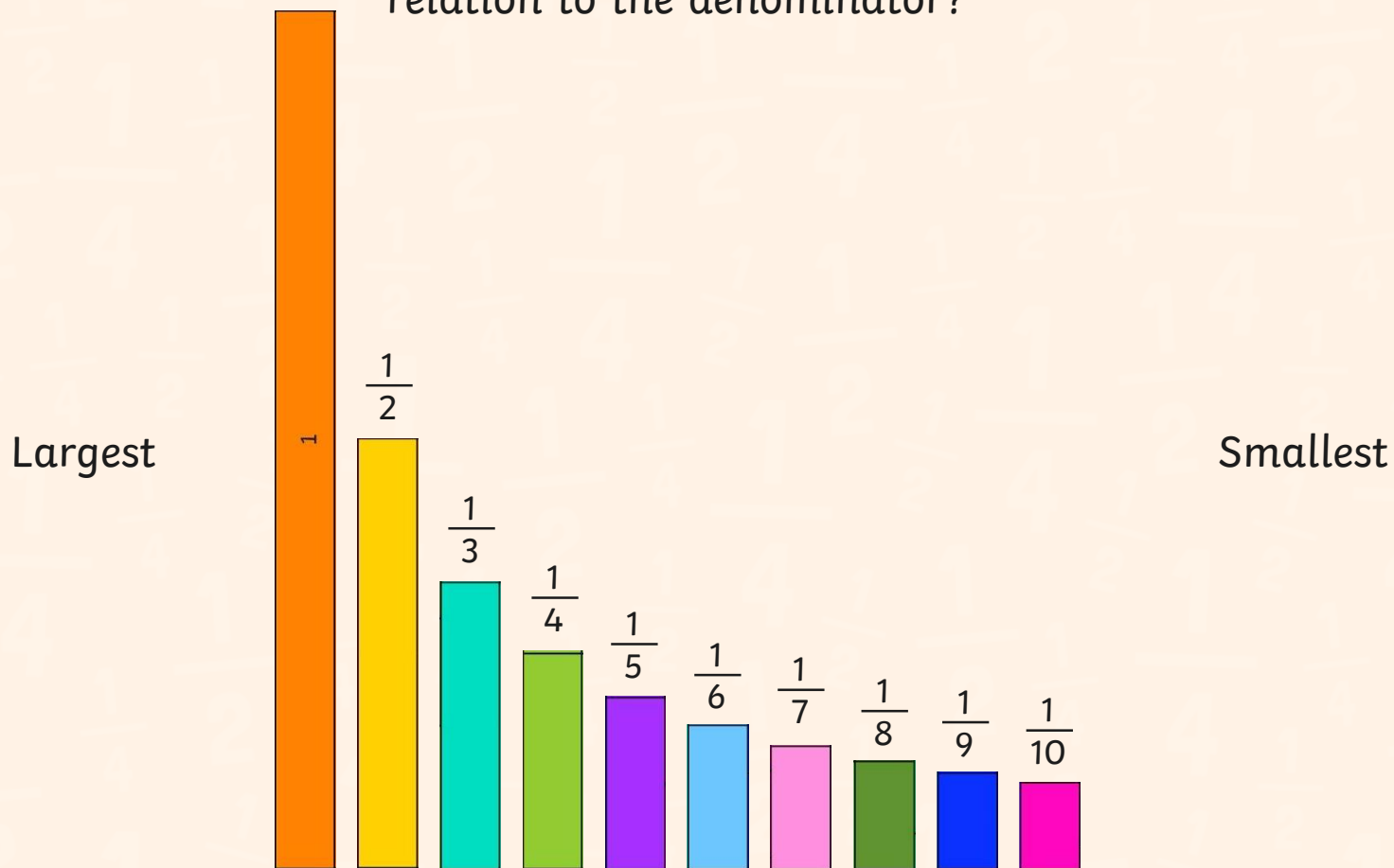
Fraction Line-Up

Look at these fraction sizes – What do you notice about the size in relation to the denominator?

Largest

Smallest

$\frac{1}{1}$ $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}{5}$ $\frac{1}{6}$ $\frac{1}{7}$ $\frac{1}{8}$ $\frac{1}{9}$ $\frac{1}{10}$

Compare Pairs

Which symbols can we use to compare the value of fractions?

$$\frac{1}{2} > \frac{1}{4}$$

$$\frac{1}{10} < \frac{1}{5}$$

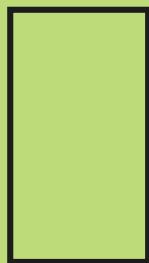$$\frac{1}{3} < \frac{1}{2}$$

$$\frac{1}{8} > \frac{1}{9}$$
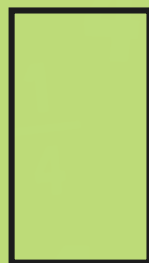
What could go in the gap?

1

$$\frac{1}{2} > \Box$$

2

$$\frac{1}{9} < \Box$$

3

$$\frac{1}{10} , \frac{1}{8} , \Box , \frac{1}{2}$$

4

$$\frac{1}{3} , \frac{1}{6} , \Box , \frac{1}{12}$$