

Decimals to Fractions

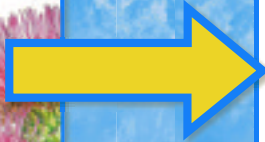
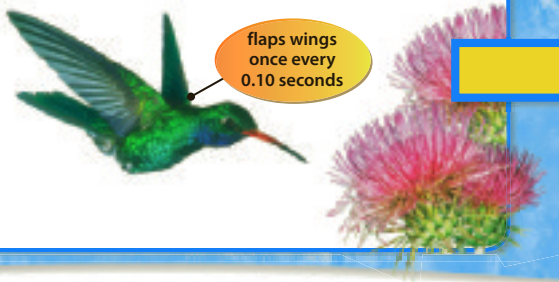
Hands-On
grid paper



How can you write a decimal as a fraction?

A hummingbird flaps its wings once every 0.10 seconds.

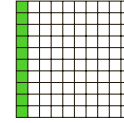
Write 0.10 as a fraction.



Write 0.10 as a fraction.

0.10 is 10 hundredths or $\frac{10}{100}$.

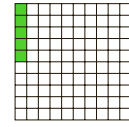
$$\frac{10}{100} = \frac{1}{10}$$



A hummingbird flaps its wings once every $\frac{1}{10}$ second.



Write 0.05 as a fraction.



$$0.05 = \frac{5}{100}$$

- Why is it impossible to visually count the number of times a hummingbird flaps its wings?

- How many of the squares in the hundreds grid are not shaded?

- Why is 5 the numerator and not the denominator?

