

DECIMALS to FRACTIONS

QUICK TIP

To easily change a decimal into a fraction, or identify the place value of a digit, drop a "1" below the decimal point and add a zero below each digit after the decimal point. Drop the decimal point and add the fraction bar.


$$0.45 = \frac{45}{100}$$

$$0.7 = \frac{7}{10}$$

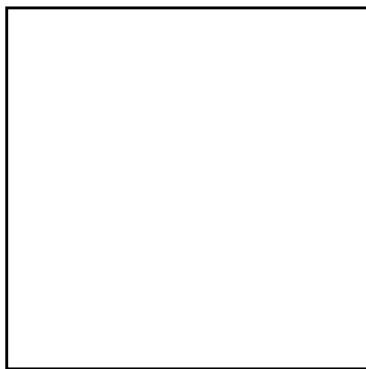
Your turn:

$$0.3$$

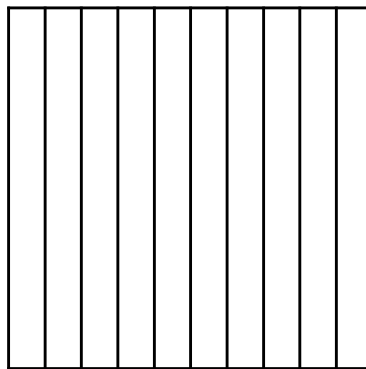
$$0.09$$

	One Whole	One Tenth	One Hundredth
Decimal			
Fraction			
	This is one whole.	One whole is cut into ____ parts.	One whole is cut into ____ parts.

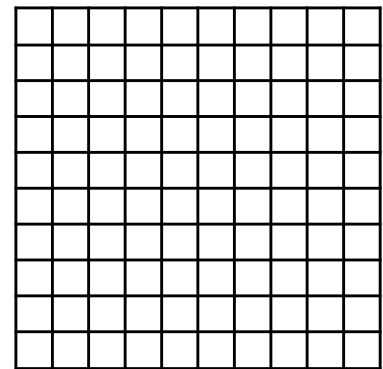
Pictorial Models



Shade one whole



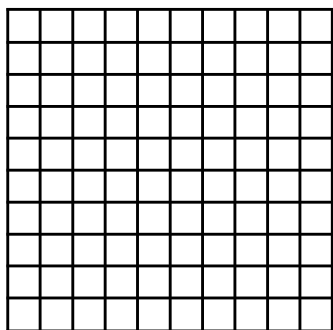
Shade one tenth



Shade one hundredth

THE PIECES ARE GETTING SMALLER

DECIMALS to FRACTIONS

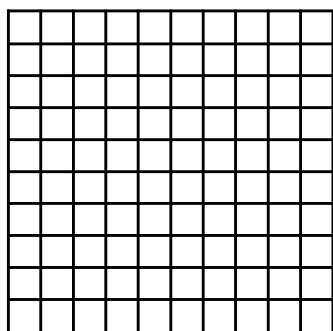


NEED TO KNOW

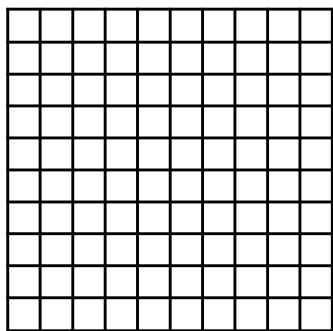
Fractions and decimals name a part of one whole. Both are less than one whole.

Mixed numbers, such as $2\frac{1}{2}$, and mixed decimals, such as 2.5, have both a whole number and a fractional part that is less than one.

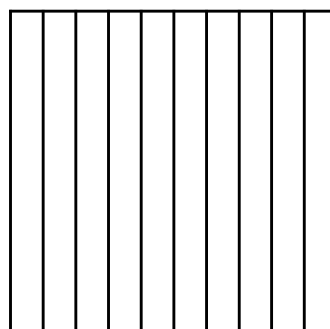
0.49 = _____ # of shaded parts
of parts to make
1 whole



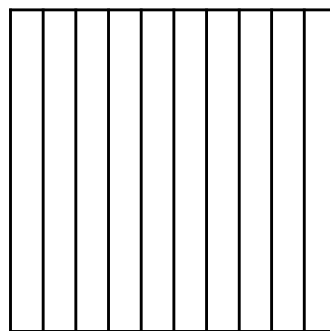
0.37 = _____ # of shaded parts
of parts to make
1 whole



0.62 = _____ # of shaded parts
of parts to make
1 whole



0.9 = _____ # of shaded parts
of parts to make
1 whole



0.3 = _____ # of shaded parts
of parts to make
1 whole