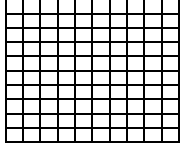Name _____   Date _____

Dividing Decimals Lesson and Practice

First shade the parts. Then divide and write a division sentence.

	Shade 0.48. Divide it into 8 parts.

First, count the total squares. There are 100 squares.

We have to shade 0.48 part of it. So we will color 48 squares from 100 squares.

Now we have to divide it by 8.

To divide a decimal number by a whole number:

- ignore the decimal points given in dividend.
- place the decimal point in the answer so that it has the same number of decimal places as the number being divided; in above problem, 3 decimal places.
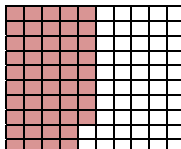
Divide 48 by 4 i.e. 48/8 = 6
Add a zero just before 6 i.e. 06
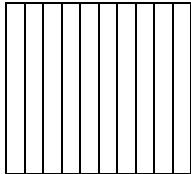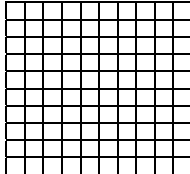Now place the decimal point just before 0 i.e. 0.06
Again place a 0 just before decimal point as given in above problem i.e. 0.06

$$\frac{0.48}{8} = 0.06$$

Answer:

	Shade 0.48. Divide it into 8 parts. 0.48/8 = 0.06

Practice Problems

1		Shade 0.5 Divide it into 5 parts.	2		Shade 0.40 Divide it into 10 parts.