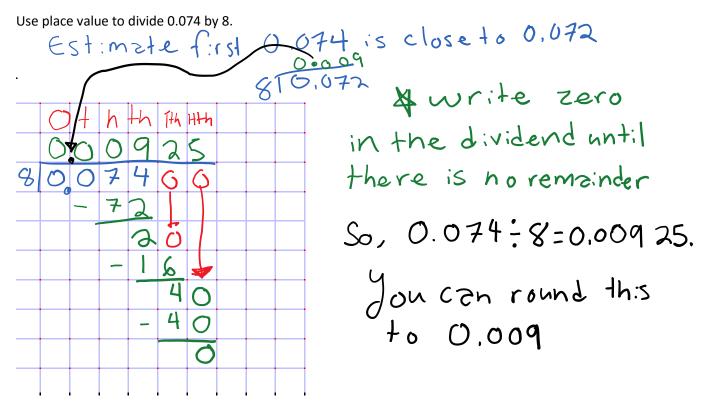
## 3.7 Dividing a Decimal Less than 1 by a Whole Number

## Connect:



Based on the pattern seen in the warm-up, what would 0.0074 = 8 be?

Homework: p. 114 # 1-6

Review 1.5-1.7 p. 118 # 9-15

## 3.7 Dividing a Decimal Less than 1 by a Whole Number

Warm up:

Use a calculator to find each quotient:

1÷4= 0.25	25 ÷5= 5	168÷8=
0.1 ÷ 4= 0.025	<sup>2.5÷5=</sup> 0.5	16.8÷8=
	0.25÷5= 0.05	1.68÷8=
0.001 ÷4 ‴ O O O A S	0.025 ÷ 5= 0.005	0.186÷8= O.OZ \

What pattern do you see?

The smaller the dividend is, with the divisor the same, the smaller the quotient. <u>quotient</u> divisor dividend For each place-value the decimal is moved to the left in the dividend, the quotient decimal will move to the left the Same amount.