

This page goes with Page 302 in your workbook (Eureka Math, Grade 5, Modules 3 & 4)

Use what you know about patterns to extend each problem as shown. Only some of the problems are the same as on Page 302. ***You will turn in THIS page along with Page 302*** when you submit the assignment, along with any work you have done on Page 301 (extra credit). Follow these steps with each problem:

Problem	Decimal Division	Fraction Division	Quotient
example	$5 \div 0.1$	$5 \div \frac{1}{10}$	50
	$5 \div 0.01$	$5 \div \frac{1}{100}$	500
a.	$6 \div 0.1$		
	$6 \div 0.01$		
	$6 \div 0.001$		
b.	$18 \div 0.1$		
	$18 \div 0.01$		
	$18 \div 0.001$		
c.	$42 \div 0.1$		
	$42 \div 0.01$		
	$42 \div 0.001$		
d.	$1.7 \div 0.1$		
	$1.7 \div 0.01$		
	$1.7 \div 0.001$		
e.	$125 \div 0.1$		
	$125 \div 0.01$		
	$125 \div 0.001$		

f.	$3.74 \div 0.1$		
	$3.74 \div 0.01$		
	$3.74 \div 0.001$		

Pattern Recognition:

Explain what patterns you saw as you divided by tenths, hundredths and thousandths.

If it's helpful, use problem a ($6 \div 0.1$, $6 \div 0.01$, $6 \div 0.001$) to explain how the digits moved:
