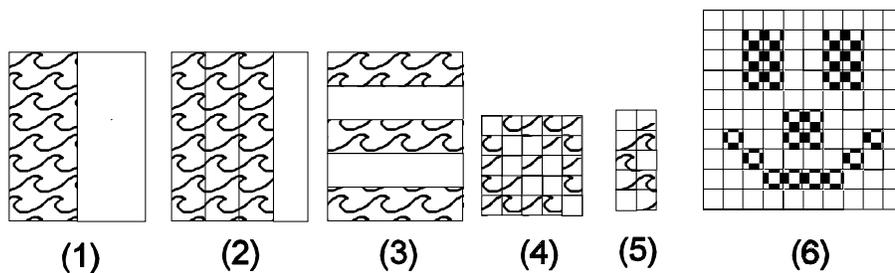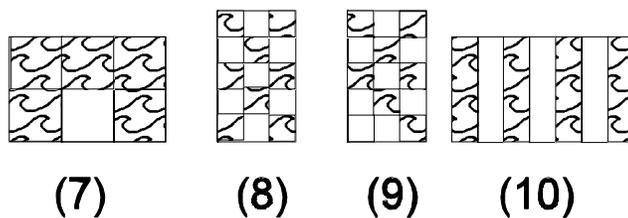**Fractions to Decimals** - What do you notice about the decimal representation of the fractions? Write a rule about when a the decimal representation repeats and when the representation will terminate.

(1)   (2)   (3)   (4) (5)   (6)

	Fraction	Equivalent fraction with denominator a power of ten.	Decimal representation	Calculator	Percent
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

(7)   (8)   (9)   (10)

Test your rule! Which of these fractions will terminate and which will repeat?

$$\frac{14}{31}$$

$$\frac{27}{29}$$