

Friendly Fractions











You need a calculator

Activity

Clare wanted to change the fraction $\frac{1}{2}$ into a decimal.
So she keyed in:



1. What is $\frac{1}{2}$ as a decimal?
2. Key in $\boxed{3} \div \boxed{4} =$ to find what $\frac{3}{4}$ is as a decimal. What did you get?
3. Here are some decimal displays. Each decimal was the result of keying in $\boxed{} \div \boxed{} =$, using the numbers from 1 to 10. What keys are pressed to get each display?

a. 	b. 
c. 	d. 
e. 	f. 
g. 	h. 
i. 	j. 

4.
 - a. What pattern do you notice about fractions such as $\frac{3}{3}$, $\frac{5}{5}$, $\frac{8}{8}$, $\frac{123}{123}$, and $\frac{24}{24}$?
 - b. Explain why the pattern works.