

One Step Equations with Division

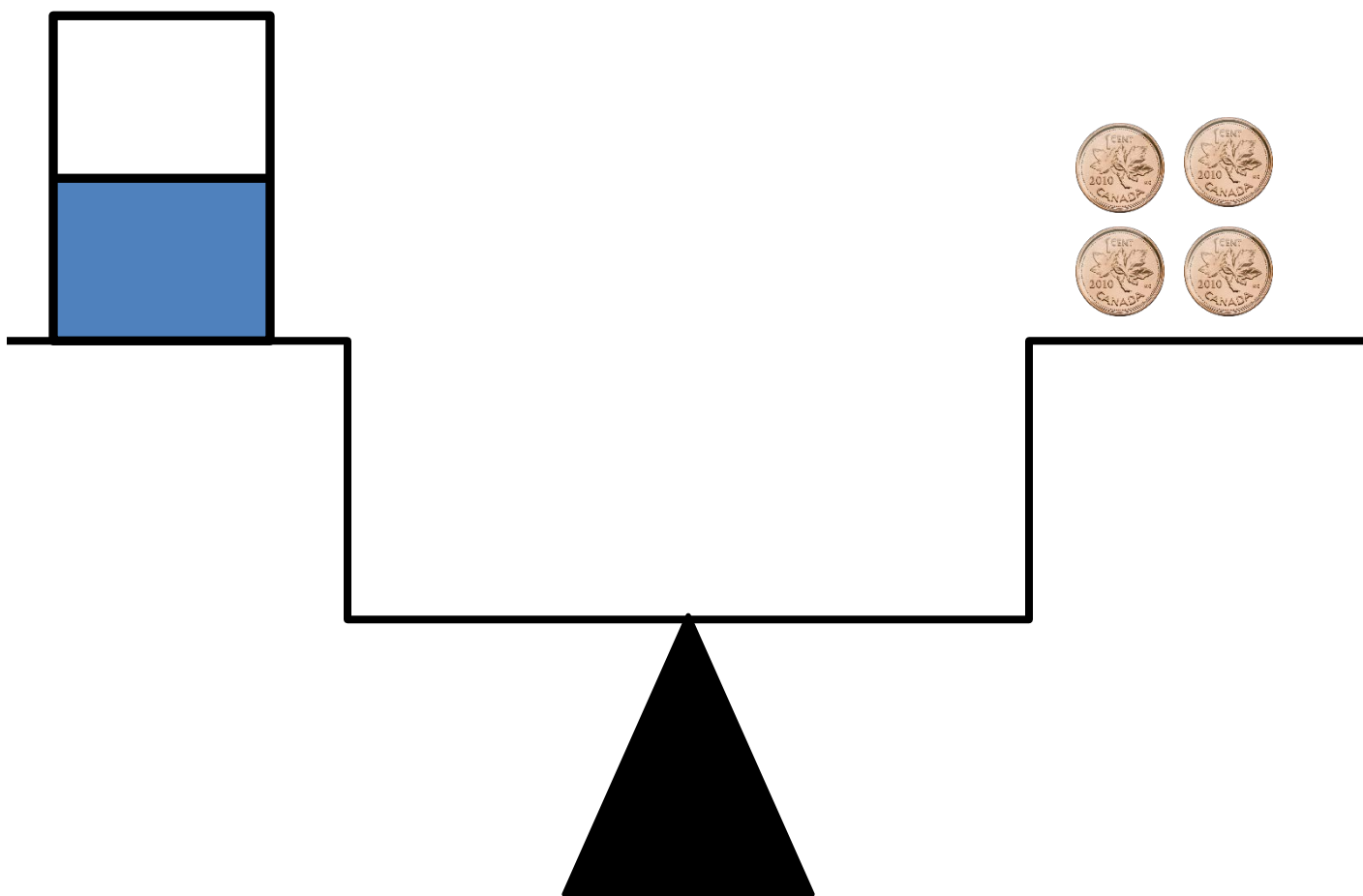
Introduction

When we write equations with division they are in this form...	
This means division is directly connected with...	

Learning the Visual

We Since we cannot really have a fraction of a cup. We have to use imaginary cups.

How many pennies in one whole cup? _____



What did you do to solve the harder problems? Make a simple rule that you can use to solve any of these problems.

Create a visual that represents the balance scale situation...

Situation	Visual	Number of pennies in one whole cup
On the left we find $\frac{1}{3}$ of a cup , and on the right we find 5 pennies .		
On the left we find $\frac{1}{5}$ of a cup and on the right we have 9 pennies .		
On the left we find $\frac{1}{8}$ of a cup and on the right we have 11 pennies .		
On the left we find $\frac{1}{10}$ of a cup and on the right we have 12 pennies .		
On the left we find $\frac{1}{12}$ of a cup and on the right we have 20 pennies .		
On the left we find $\frac{1}{11}$ of a cup and on the right we have 112 pennies .		

Try it with variables instead of cups.

Problem	Verification
$\frac{x}{3} = 12$ $x =$	
$\frac{x}{4} = 8$ $x =$	
$\frac{x}{7} = 19$ $x =$	
$\frac{x}{8} = 32$ $x =$	
$\frac{x}{11} = 132$ $x =$	