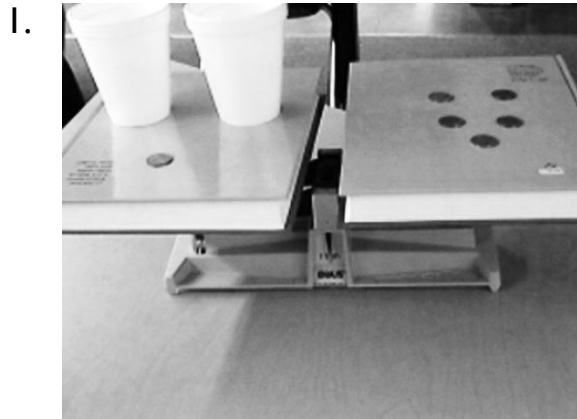


One Step Equations with Multiplication and Division

How many pennies are in each cup?



Do you notice any patterns? Try your idea on these more difficult problems.



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 each balance scale situation and then solve...

Situation	Visual	Number of pennies in each cup.
<p>On the left we find three cups and two pennies.</p> <p>On the right we find fourteen pennies.</p>		
<p>On the left we find two cups and twelve pennies.</p> <p>On the right we find twenty-four pennies.</p>		
<p>On the left we find six cups and seven pennies.</p> <p>On the right we find forty-nine pennies.</p>		
<p>On the left we find ten cups and fifteen pennies.</p> <p>On the right we find 85 pennies.</p>		

Try it with variables instead of cups.

<i>Problem</i>	<i>Verification</i>
$6x + 10 = 22$ $x =$	
$3x + 7 = 16$ $x =$	
$2x + 5 = 19$ $x =$	
$10x + 5 = 35$ $x =$	
$11x + 9 = 141$ $x =$	
$5x + 11 = 56$ $x =$	