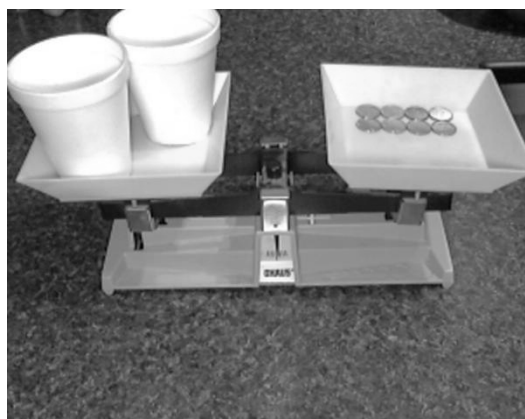


One Step Equations with Multiplication and Division

How many pennies are in each cup?

1.



2.



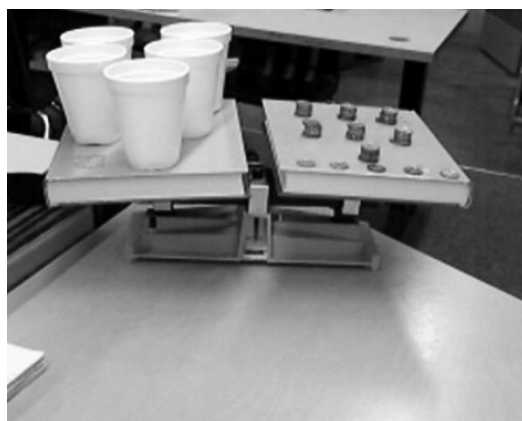
3.



4.



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 the balance scale situation...

<i>Situation</i>	<i>Visual</i>	<i>Number of pennies in each cup.</i>
<i>On the left we find three cups, and on the right we find 6 pennies.</i>		
<i>On the left we find 5 cups and on the right we have 15 pennies.</i>		
<i>On the left we find 8 cups and on the right we have 72 pennies.</i>		
<i>On the left we find 10 cups and on the right we have 80 pennies.</i>		
<i>On the left we find 12 cups and on the right we have 60 pennies.</i>		
<i>On the left we find 11 cups and on the right we have 132 pennies.</i>		

Try it with variables instead of cups.

Problem	Verification
$3x = 21$ $x =$	
$6x = 42$ $x =$	
$3x = 12$ $x =$	
$8x = 32$ $x =$	
$11x = 132$ $x =$	