



Math worksheet on 'Balance Shapes - Simple Substitution - To Equation Answer (Level 3)'. Part of a broader unit on 'Algebra Basic Concepts - Advanced'

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**1** Which equation represents the solution to the bottom scale?

<b>a</b>	<b>b</b>	<b>c</b>
$11t = c$	$14t = c$	$8t = c$
<b>d</b>		
$9t = c$		

**2** Which equation represents the solution to the bottom scale?

<b>a</b>	<b>b</b>
$t = 5s + 3t + c$	$t = 5s + 3t$
<b>c</b>	<b>d</b>
$t = 4s + 3t$	$t = 4s$
<b>e</b>	
$t = 4s + t$	

**3** Which equation represents the solution to the bottom scale?

<b>a</b>	<b>b</b>	<b>c</b>
$7c = s$	$5c = s$	$8c = s$
<b>d</b>		
$6c = s$		

**4** Which equation represents the solution to the bottom scale?

<b>a</b>	<b>b</b>	<b>c</b>
$t = 11c$	$t = 9c$	$t = 7c$
<b>d</b>	<b>e</b>	
$t = 12c$	$t = 4c$	

**5** Which equation represents the solution to the bottom scale?

<b>a</b>	<b>b</b>	<b>c</b>
$s = 10t$	$s = 15t$	$s = 14t$
<b>d</b>	<b>e</b>	
$s = 9t$	$s = 13t$	

**6** Which equation represents the solution to the bottom scale?

<b>a</b>	<b>b</b>
$3c = s$	$c = s$
<b>c</b>	<b>d</b>
$4c = s$	$6c = s$
<b>e</b>	
$c + t = s$	

**7** Which equation represents the solution to the bottom scale?

<b>a</b>	<b>b</b>	<b>c</b>
$c = 8s$	$c = 7s$	$c = 6s$
<b>d</b>	<b>e</b>	
$c = 4s$	$c = 5s$	