



Math worksheet on 'Balance Shapes - Simple Substitution - To Equation Answer (Level 2)'. 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> $s = c$	<b>b</b> $3s + c = c$
<b>c</b> $6s = c$	<b>d</b> $s + t = c$
<b>e</b> $3s = c$	

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

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

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

<b>a</b> $s = 13c + s$	<b>b</b> $s = 11c$
<b>c</b> $s = 13c$	<b>d</b> $s = 9c$
<b>e</b> $s = 8c$	

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

<b>a</b> $3s = t$	<b>b</b> $6s = t$	<b>c</b> $9s = t$
<b>d</b> $5s = t$	<b>e</b> $4s = t$	

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

<b>a</b> $s = 6c + 5t + s$	<b>b</b> $s = 6c + 5t$
<b>c</b> $s = 6c$	<b>d</b> $s = 6c + t$
<b>e</b> $s = 6c + 2t$	

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

<b>a</b> $9c = t$	<b>b</b> $12c + t = t$
<b>c</b> $15c + t = t$	<b>d</b> $15c + 4t = t$
<b>e</b> $9c + t = t$	

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

<b>a</b> $15c = t$	<b>b</b> $6c = t$	<b>c</b> $12c = t$
<b>d</b> $9c = t$	<b>e</b> $17c = t$	