



Math worksheet on 'Balance Shapes - Substitution and Subtraction, Simple Answer - 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> $5c + 2s = t$	<b>b</b> $3c = t$
<b>c</b> $3c + 3s = t$	<b>d</b> $5c + 3s = t$
<b>e</b> $3c + s = t$	

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

<b>a</b> $c = 2s$	<b>b</b> $c = s$	<b>c</b> $c = 4s$
<b>d</b> $c = 7s$		

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

<b>a</b> $2s = t$	<b>b</b> $s + t = t$
<b>c</b> $4t = t$	<b>d</b> $s = t$
<b>e</b> $3s = t$	

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

<b>a</b> $6t = t$	<b>b</b> $2c = t$
<b>c</b> $6t + s = t$	<b>d</b> $3t = t$
<b>e</b> $7t = t$	

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

<b>a</b> $2c + s = t$	<b>b</b> $3s = t$
<b>c</b> $c + s = t$	<b>d</b> $c = t$
<b>e</b> $4c + s = t$	

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

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

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

<b>a</b> $9c = s$	<b>b</b> $5c = s$	<b>c</b> $10c = s$
<b>d</b> $8c = s$	<b>e</b> $2c = s$	