



Math worksheet on 'Balance Shapes - Simple Substitution - To Equation Answer (Level 1)'. Part of a broader unit on 'Algebra Basic Concepts - Advanced'

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1 Which equation represents the solution to the bottom scale?

a	b	c
$s = 4c$	$s = 3t$	$s = 4t$
d	e	
$s = 2c$	$s = t$	

2 Which equation represents the solution to the bottom scale?

a	b	c
$t = 6c$	$t = 9c$	$t = 7c$
d		
$t = 3c$		

3 Which equation represents the solution to the bottom scale?

a	b	c
$9s = t$	$10s = t$	$8s = t$
d		
$13s = t$		

4 Which equation represents the solution to the bottom scale?

a	b
$9s = c$	$3s = c$
c	d
$3s + c = c$	$8s = c$
e	
$6s = c$	

5 Which equation represents the solution to the bottom scale?

a	b
$10s + 3c = c$	$9s + c = c$
c	d
$9s = c$	$9s + 3c = c$
e	
$6s = c$	

6 Which equation represents the solution to the bottom scale?

a	b	c
$7t = s$	$8t = s$	$10t = s$
d		
$11t = s$		

7 Which equation represents the solution to the bottom scale?

a	b
$c = 6t + 3s$	$c = 6t + s$
c	d
$c = 5t + 3s$	$c = 6t$
e	
$c = 6t + 2s$	