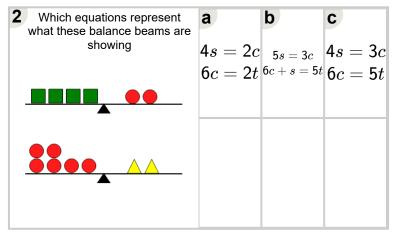# Mobius Math Club Name:_____

mobius

Math worksheet on *'Balance Shapes - Simple Substitution - To Equations (Level 1)'*. Part of a broader unit on *'Algebra Basic Concepts - Practice'*

Learn online: app.mobius.academy/math/units/algebra_basic_concepts_practice/

---

1 Which equations represent what these balance beams are showing

a	b	c
$3c = 3s$ $2s = 9t$	$2c = 6s$ $2s = 6t$	$2c = 3s$ $2s = 7t$

---

2 Which equations represent what these balance beams are showing

a	b	c
$4s = 2c$ $6c = 2t$	$5s = 3c$ $6c + s = 5t$	$4s = 3c$ $6c = 5t$

---

3 Which equations represent what these balance beams are showing

a	b	c
$4s = t + c$ $7t = 3c$	$4s = 2t + c$ $4t = 3c$	$4s = 2t$ $4t = 2c$

---

4 Which equations represent what these balance beams are showing

a	b	c
$c = 4c$ $6t = 5s + t$	$t = 4c$ $6t = 5s$	$2t = 4c$ $6t = 2s$

---

5 Which equations represent what these balance beams are showing

a	b
$8s + t = 2c$ $6t = 2s$	$8s + t = 2c + t$ $4t = 2s$
c $8s = 2c$ $4t = 2s$	

---

6 Which equations represent what these balance beams are showing

a	b	c
$2c = 9s$ $4t = s$	$2c = 9s + c$ $5t = s$	$2c = 8s$ $4t = 2s$

---

7 Which equations represent what these balance beams are showing

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

Math learning portal. Enrichment classes. Tutoring. Math games to engage kids. (mobiusmathclub.com)