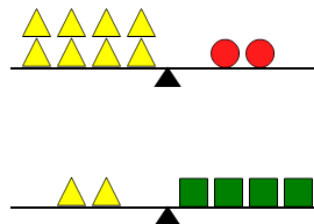Name:_____

mobius

Math worksheet on *'Balance Shapes - Simple Substitution - To Equations (Level 1)'*. Part of a broader unit on *'Algebra Basic Concepts - Intro'*
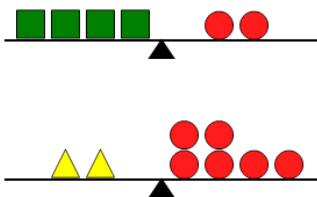
Learn online: app.mobius.academy/math/units/algebra_basic_concepts_intro/

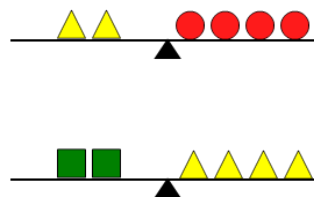**1** Which equations represent what these balance beams are showing

a	b	c
$9t = 2c$ $4t = 4s$	$6t = 2c$ $5t = 4s$	$8t = 2c$ $2t = 4s$

---

2 Which equations represent what these balance beams are showing

a	b	c
$4s = 4c$ $2t = 7c$	$4s = 6c$ $c = 7c$	$4s = 2c$ $2t = 6c$

---

3 Which equations represent what these balance beams are showing

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

---

4 Which equations represent what these balance beams are showing
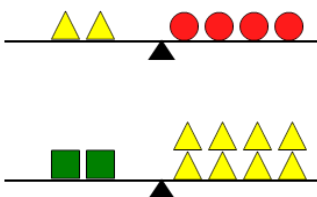
a	b	c
$2t = 6c$ $3s = 8t$	$2t = 4c$ $2s = 8t$	$t = 6c$ $3s = 5t$

---

5 Which equations represent what these balance beams are showing
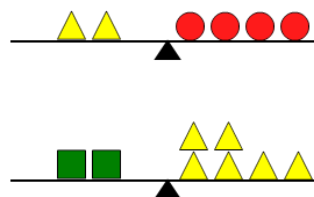
a	b	c
$2t = 4c$ $2s = 6t$	$2t + s = 4c$ $2s + t = 6t$	$2t + s = 7c$ $2s + t = 7t$

---

6 Which equations represent what these balance beams are showing
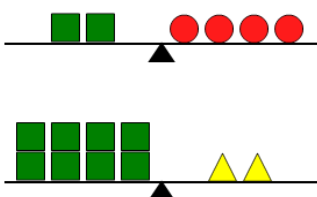
a	b	c
$2s = 4c$ $8s = 2t$	$2s + t = c$ $8s = 3t + c$	$2s + t = 4c$ $8s = 2t + c$

---

7 Which equations represent what these balance beams are showing

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