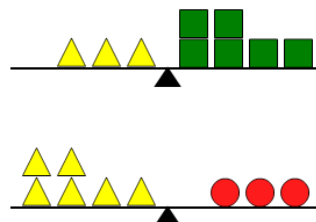




Math worksheet on 'Balance Shapes - Simple Substitution - To Equations (Level 2)'. Part of a broader unit on 'Algebra Basic Concepts - Intro'

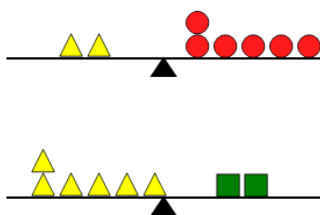
Learn online: app.mobius.academy/math/units/algebra_basic_concepts_intro/

1 Which equations represent what these balance beams are showing



a	b	c
$3t = 8s$ $9t + s = 3c$	$3t = 6s$ $6t = 3c$	$3t = 9s$ $9t = 3c$

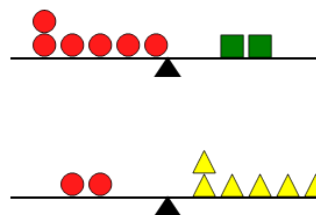
2 Which equations represent what these balance beams are showing



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

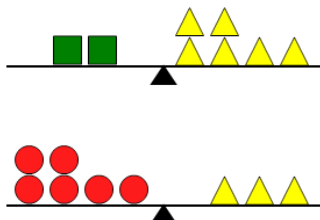
c
$2t = 6c + t$ $6t + s = 2s$

3 Which equations represent what these balance beams are showing



a	b	c
$5c = 2s$ $2c = 7t$	$6c = 2s$ $2c = 6t$	$7c = 2s$ $c = 7t$

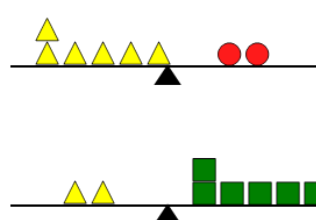
4 Which equations represent what these balance beams are showing



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

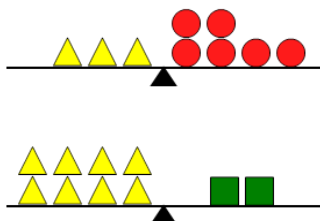
c
$2s + t = 6t + c$ $6c = 3s$

5 Which equations represent what these balance beams are showing



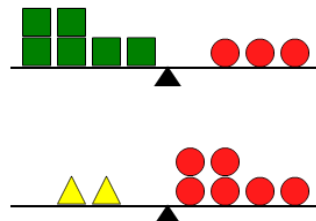
a	b	c
$6t = 2c$ $2t = 6s$	$6t = t$ $2t = 6s$	$6t = c$ $2t = 5s$

6 Which equations represent what these balance beams are showing



a	b	c
$3t + c = 6c$ $8t = 2s + t$	$3t = 6c$ $8t = 2s$	$3t + 2c = 6c$ $8t = 2s$

7 Which equations represent what these balance beams are showing



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

c
$6s + c + t = 3c$ $2t = 3c + s$