



Math worksheet on 'Balance Shapes - Simple Ratio - 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/](http://app.mobius.academy/math/units/algebra_basic_concepts_practice/)

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

a	b	c
$8c = 5t$	$8c = 2t$	$8c = 8t$

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

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

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

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

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

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

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

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

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

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

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

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