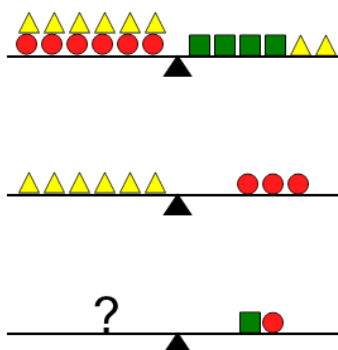




Math worksheet on 'Balance Shapes - Substitution and Subtraction, Compound Answer - To Equations And Answer (Level 3)'. Part of a broader unit on 'Algebra Basic Concepts - Advanced'

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

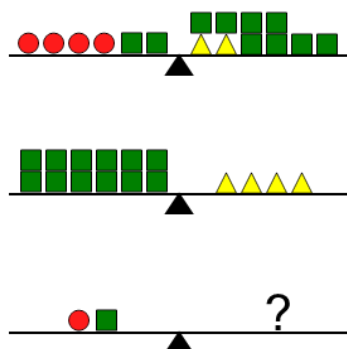
1



Which equation and answer represents these balance beams and the bottom solution

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

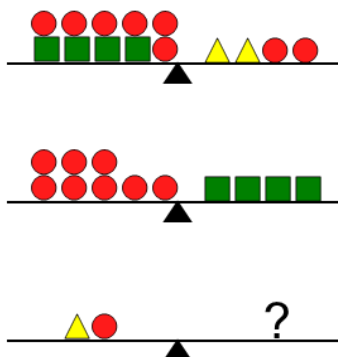
2



Which equation and answer represents these balance beams and the bottom solution

a	b
$4c + 2s = 2t + 8s$	$4c + 2s = 2t + 8s + c$
$12s = 4t$	$12s = 2t$
$c + s = t + s$	$c + s = t + 3s$

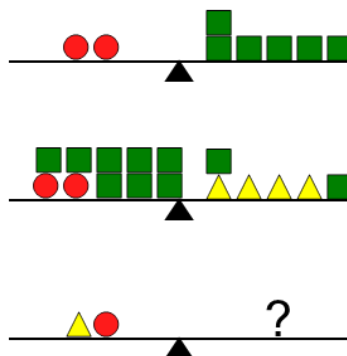
3



Which equation and answer represents these balance beams and the bottom solution

a	b
$6s + 6c = 2t + 2c$	$4s + 6c = 2t + 2c$
$5c = 4s$	$8c = 4s$
$t + c = 3s$	$t + c = 3s + c$

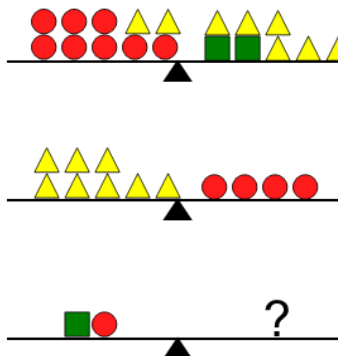
4



Which equation and answer represents these balance beams and the bottom solution

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

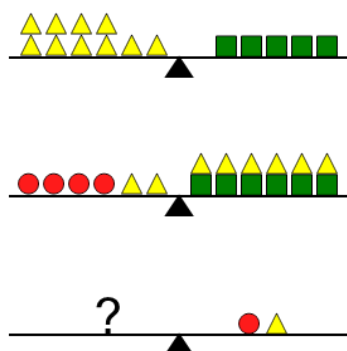
5



Which equation and answer represents these balance beams and the bottom solution

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

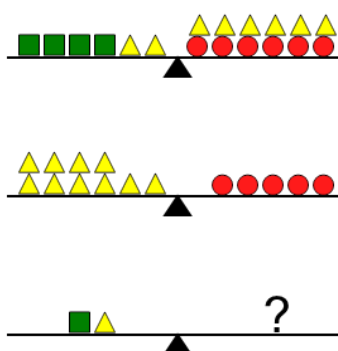
6



Which equation and answer represents these balance beams and the bottom solution

a	b
$10t = 5s$	$8t = 5s$
$4c + 2t = 6s + 6t$	$4c + 2t = 9s + 6t$
$2s + t = c + t$	$2s + 2t = c + t$

7



Which equation and answer represents these balance beams and the bottom solution

a	b
$7s + 2t = 6c + 6t$	$4s + 2t = 6c + 6t$
$12t = 5c$	$10t = 5c$
$s + t = 4c + t$	$s + t = 2c + t$