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

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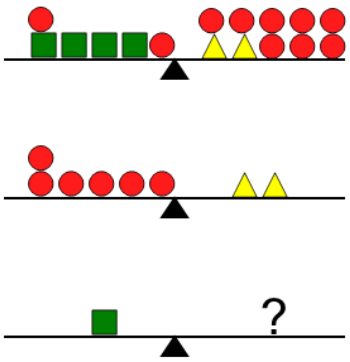
1



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

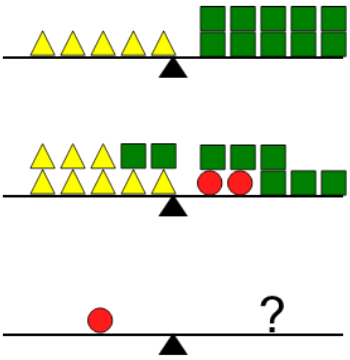
a

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

b

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

2



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

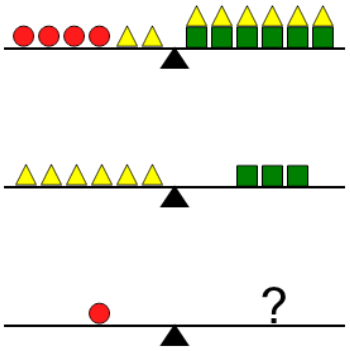
a

$5t = 7s$
$8t = 2c + 6s$
$c = 5t$

b

$5t = 10s$
$8t + 2s = 2c + 6s$
$c = 3t$

3



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

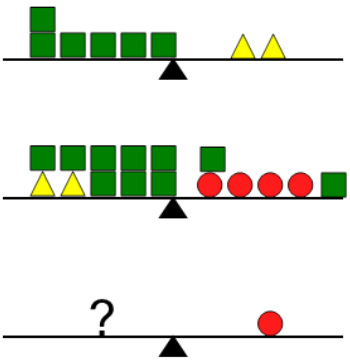
a

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

b

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

4



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

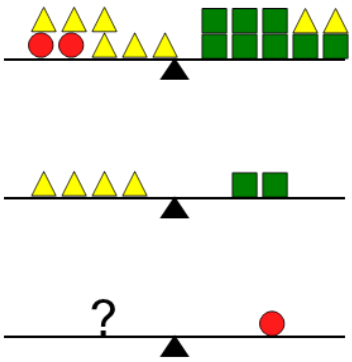
a

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

b

$7s = 2t$
$2t + 8s = 4c + 5s$
$t + s = c$

5



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

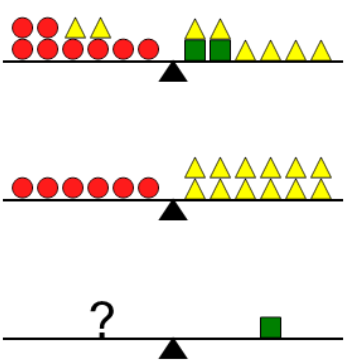
a

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

b

$2c + 6t = 8s + 2t$
$4t = 2s$
$3s = c$

6



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

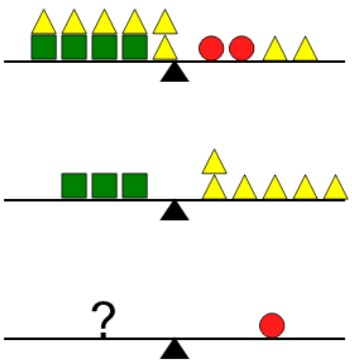
a

$8c + 2t = 2s + 6t$
$6c = 12t$
$c = s$

b

$8c + 2t = 2s + 6t$
$6c = 12t$
$3c = s$

7



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

a

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

b

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