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

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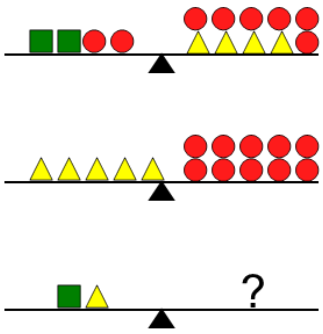
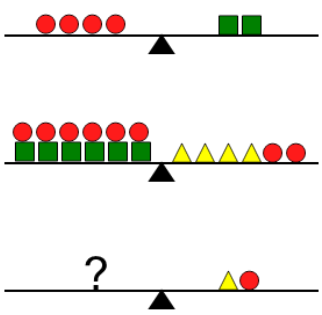
1 Which equation represents the solution to the bottom scale?



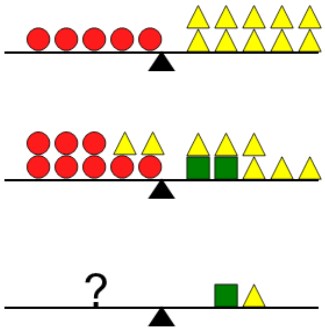
a $s + t = 4t$
b $s + t = 6t$
c $s + t = 6t + s$
d $s + t = 9t + s$
e $s + t = 7t$

2 Which equation represents the solution to the bottom scale?



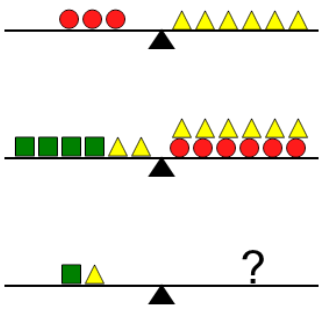
a $4c = t + c$
b $2s + c = t + c$
c $6c = t + c$
d $2c = t + c$
e $c = t + c$

3 Which equation represents the solution to the bottom scale?



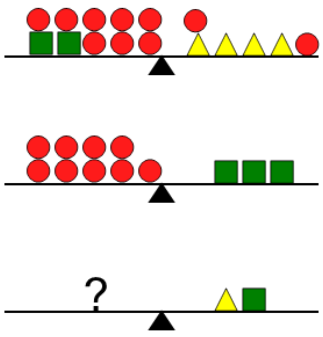
a $3c + t = s + t$
b $3c + t + s = s + t$
c $3c = s + t$
d $3c + 3t = s + t$

4 Which equation represents the solution to the bottom scale?



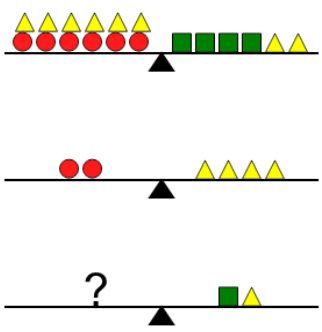
a $s + t = 2t$
b $s + t = s$
c $s + t = 2c + t$
d $s + t = t$
e $s + t = 4t$

5 Which equation represents the solution to the bottom scale?



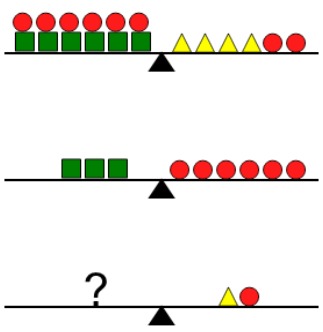
a $3t + c = t + s$
b $2s = t + s$
c $t + c = t + s$
d $t = t + s$
e $2t + c = t + s$

6 Which equation represents the solution to the bottom scale?



a $c + 3t + 2s = s + t$
b $2c + t = s + t$
c $c + t = s + t$
d $c + 3t + s = s + t$
e $c + t + s = s + t$

7 Which equation represents the solution to the bottom scale?



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

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