

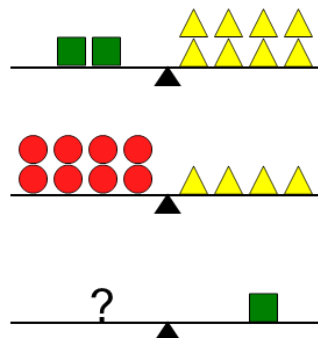


Math worksheet on 'Balance Shapes - Simple Substitution - To Equation Answer (Level 3)'. Part of a broader unit on 'Algebra Manipulating Variables - Intro'

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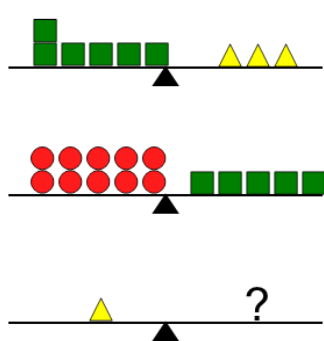
app.mobius.academy/math/units/algebra_manipulating_variables_intro/

1 Which equation represents the solution to the bottom scale?



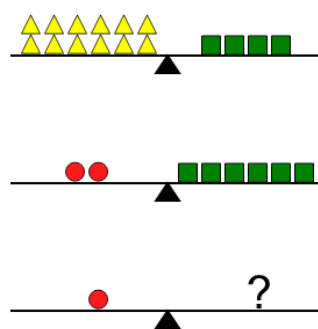
- | | |
|-------------------|----------------|
| a
$7c + t = s$ | b
$7c = s$ |
| c
$8c + t = s$ | d
$10c = s$ |
| e
$8c = s$ | |

2 Which equation represents the solution to the bottom scale?



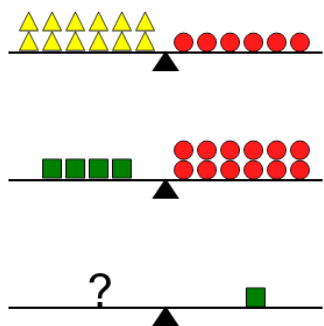
- | | | |
|---------------|----------------|----------------|
| a
$t = 4c$ | b
$t = 7c$ | c
$t = 12c$ |
| d
$t = 9c$ | e
$t = 11c$ | |

3 Which equation represents the solution to the bottom scale?



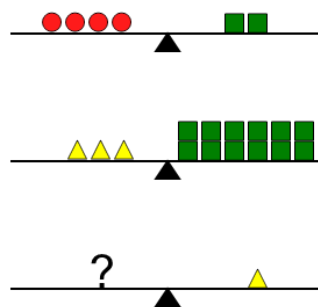
- | | | |
|----------------|---------------|----------------|
| a
$c = 13t$ | b
$c = 9t$ | c
$c = 11t$ |
| d
$c = 8t$ | | |

4 Which equation represents the solution to the bottom scale?



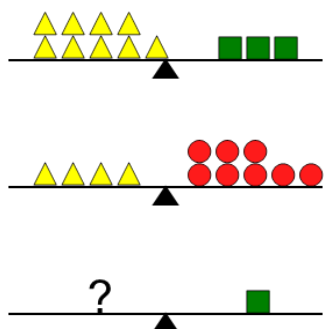
- | | |
|---------------|------------------|
| a
$2t = s$ | b
$6t = s$ |
| c
$c = s$ | d
$s + t = s$ |
| e
$4t = s$ | |

5 Which equation represents the solution to the bottom scale?



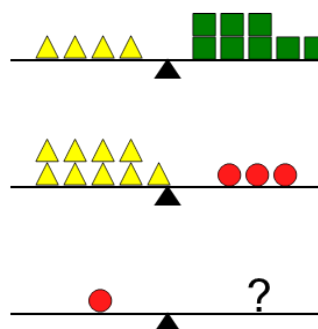
- | | |
|-------------------|-------------------|
| a
$6c + s = t$ | b
$8c = t$ |
| c
$6c = t$ | d
$9c + s = t$ |
| e
$7c = t$ | |

6 Which equation represents the solution to the bottom scale?



- | | | |
|---------------|---------------|---------------|
| a
$7c = s$ | b
$5c = s$ | c
$8c = s$ |
| d
$6c = s$ | | |

7 Which equation represents the solution to the bottom scale?



- | | | |
|---------------|---------------|---------------|
| a
$c = 3s$ | b
$c = 2s$ | c
$c = 4s$ |
| d
$c = 5s$ | e
$c = 6s$ | |