

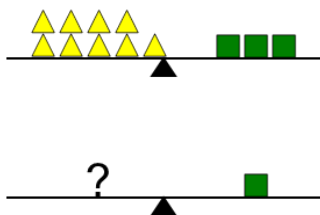


Math worksheet on 'Balance Shapes - Simple Ratio - To Equation Answer (Level 3)'. Part of a broader unit on 'Algebra Manipulating Variables - Intro'

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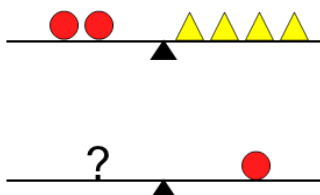
[app.mobius.academy/math/units/algebra\\_manipulating\\_variables\\_intro/](http://app.mobius.academy/math/units/algebra_manipulating_variables_intro/)

2 Which equation represents the solution to the bottom scale?



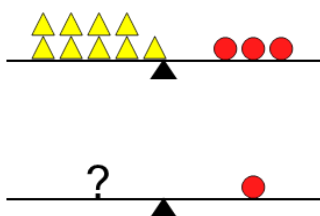
- |          |          |          |
|----------|----------|----------|
| a        | b        | c        |
| $4t = s$ | $2t = s$ | $3t = s$ |
| d        |          |          |
| $t = s$  |          |          |

4 Which equation represents the solution to the bottom scale?



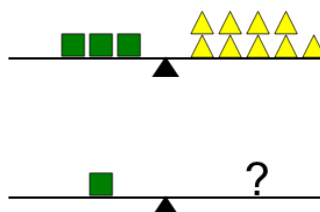
- |          |          |         |
|----------|----------|---------|
| a        | b        | c       |
| $4t = c$ | $5t = c$ | $t = c$ |
| d        |          |         |
| $2t = c$ |          |         |

6 Which equation represents the solution to the bottom scale?



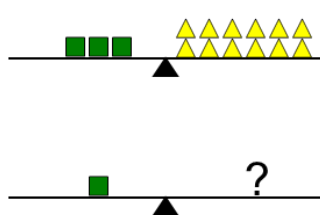
- |             |              |
|-------------|--------------|
| a           | b            |
| $t + c = c$ | $3t + c = c$ |
| c           | d            |
| $3t = c$    | $t = c$      |

1 Which equation represents the solution to the bottom scale?



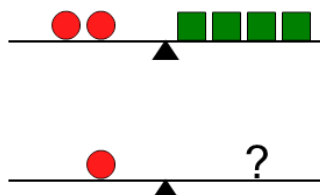
- |             |              |
|-------------|--------------|
| a           | b            |
| $s = 3t$    | $s = t$      |
| c           | d            |
| $s = 2s$    | $s = 2s + t$ |
| e           |              |
| $s = t + s$ |              |

3 Which equation represents the solution to the bottom scale?



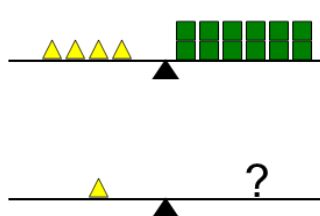
- |              |          |
|--------------|----------|
| a            | b        |
| $s = 4t + s$ | $s = 3t$ |
| c            | d        |
| $s = 3t + s$ | $s = 4t$ |

5 Which equation represents the solution to the bottom scale?



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

7 Which equation represents the solution to the bottom scale?



- |          |              |
|----------|--------------|
| a        | b            |
| $t = s$  | $t = 4s + t$ |
| c        | d            |
| $t = 4s$ | $t = 3s$     |