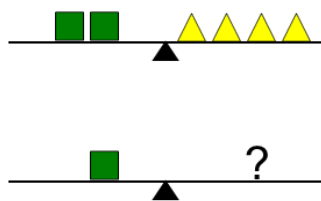




Math worksheet on 'Balance Shapes - Simple Ratio - To Equation Answer (Level 1)'. Part of a broader unit on 'Algebra Basic Concepts - Advanced'

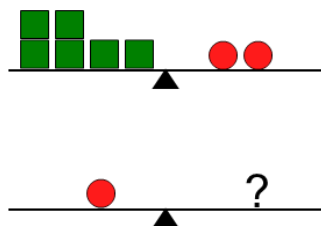
Learn online: [app.mobius.academy/math/units/algebra\\_basic\\_concepts\\_advanced/](http://app.mobius.academy/math/units/algebra_basic_concepts_advanced/)

2 Which equation represents the solution to the bottom scale?



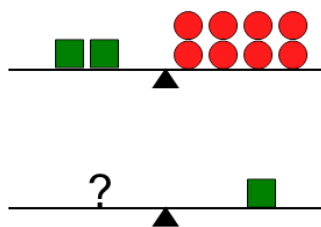
- |   |               |   |              |
|---|---------------|---|--------------|
| a | $s = 7t$      | b | $s = 7t + s$ |
| c | $s = 4t$      | d | $s = 2t$     |
| e | $s = 7t + 4s$ |   |              |

4 Which equation represents the solution to the bottom scale?



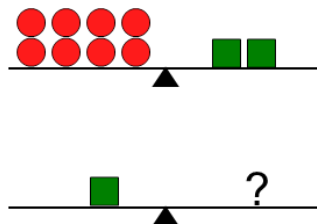
- |   |              |   |          |
|---|--------------|---|----------|
| a | $c = 3s + c$ | b | $c = 2s$ |
| c | $c = s$      | d | $c = 3s$ |
|   |              |   |          |

6 Which equation represents the solution to the bottom scale?



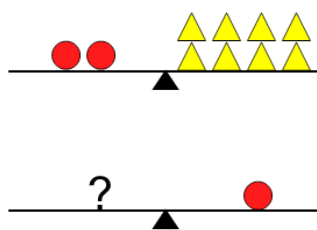
- |   |          |   |              |
|---|----------|---|--------------|
| a | $4c = s$ | b | $2c = s$     |
| c | $3c = s$ | d | $3c + s = s$ |
| e | $5c = s$ |   |              |

1 Which equation represents the solution to the bottom scale?



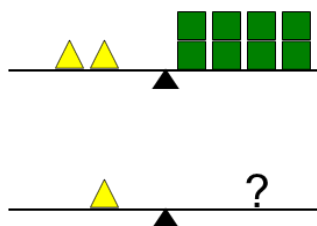
- |   |              |   |             |
|---|--------------|---|-------------|
| a | $s = c$      | b | $s = 3c$    |
| c | $s = 4c + s$ | d | $s = c + s$ |
| e | $s = 4c$     |   |             |

3 Which equation represents the solution to the bottom scale?



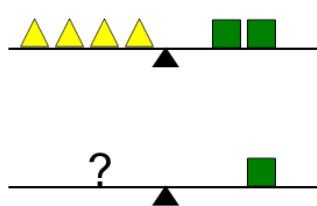
- |   |              |   |              |
|---|--------------|---|--------------|
| a | $7t = c$     | b | $7t + c = c$ |
| c | $5t + c = c$ | d | $6t + c = c$ |
| e | $4t = c$     |   |              |

5 Which equation represents the solution to the bottom scale?



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

7 Which equation represents the solution to the bottom scale?



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