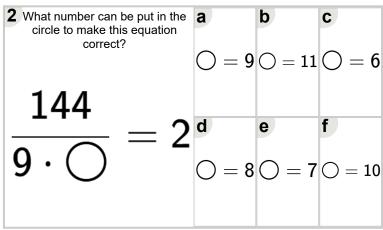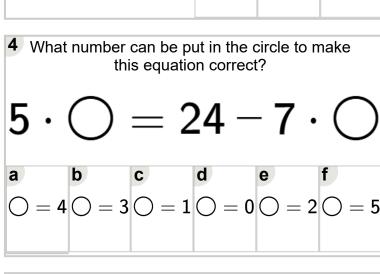# mobius

Math worksheet on *'Linear Equation - Solve for Box, Three Terms (Level 2)'*. Part of a broader unit on *'Algebra Basic Concepts - Practice'*
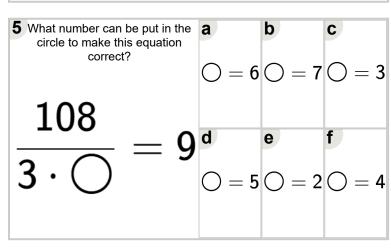
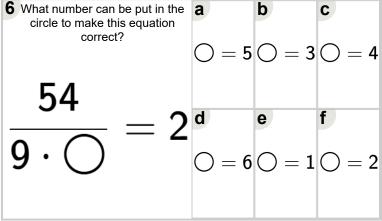Learn online: app.mobius.academy/math/units/algebra_basic_concepts_practice/

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**1** What number can be put in the circle to make this equation correct?

$$3 \cdot \bigcirc = 7 + 2 \cdot \bigcirc$$

| a | b | c | d | e | f |
|---|---|---|---|---|---|
| $\bigcirc = 9$ | $\bigcirc = 5$ | $\bigcirc = 7$ | $\bigcirc = 6$ | $\bigcirc = 8$ | $\bigcirc = 10$ |

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**2** What number can be put in the circle to make this equation correct?

$$\frac{144}{9 \cdot \bigcirc} = 2$$

| a | b | c |
|---|---|---|
| $\bigcirc = 9$ | $\bigcirc = 11$ | $\bigcirc = 6$ |

| d | e | f |
|---|---|---|
| $\bigcirc = 8$ | $\bigcirc = 7$ | $\bigcirc = 10$ |

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**3** What number can be put in the circle to make this equation correct?

$$8 \cdot \bigcirc = 8 + 6 \cdot \bigcirc$$

| a | b | c | d | e | f |
|---|---|---|---|---|---|
| $\bigcirc = 6$ | $\bigcirc = 2$ | $\bigcirc = 3$ | $\bigcirc = 4$ | $\bigcirc = 7$ | $\bigcirc = 5$ |

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**4** What number can be put in the circle to make this equation correct?

$$5 \cdot \bigcirc = 24 - 7 \cdot \bigcirc$$

| a | b | c | d | e | f |
|---|---|---|---|---|---|
| $\bigcirc = 4$ | $\bigcirc = 3$ | $\bigcirc = 1$ | $\bigcirc = 0$ | $\bigcirc = 2$ | $\bigcirc = 5$ |

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**5** What number can be put in the circle to make this equation correct?

$$\frac{108}{3 \cdot \bigcirc} = 9$$

| a | b | c |
|---|---|---|
| $\bigcirc = 6$ | $\bigcirc = 7$ | $\bigcirc = 3$ |

| d | e | f |
|---|---|---|
| $\bigcirc = 5$ | $\bigcirc = 2$ | $\bigcirc = 4$ |

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**6** What number can be put in the circle to make this equation correct?

$$\frac{54}{9 \cdot \bigcirc} = 2$$

| a | b | c |
|---|---|---|
| $\bigcirc = 5$ | $\bigcirc = 3$ | $\bigcirc = 4$ |

| d | e | f |
|---|---|---|
| $\bigcirc = 6$ | $\bigcirc = 1$ | $\bigcirc = 2$ |

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**7** What number can be put in the circle to make this equation correct?

$$5 \cdot \bigcirc = 49 - 2 \cdot \bigcirc$$

| a | b | c | d | e | f |
|---|---|---|---|---|---|
| $\bigcirc = 9$ | $\bigcirc = 7$ | $\bigcirc = 8$ | $\bigcirc = 6$ | $\bigcirc = 10$ | $\bigcirc = 5$ |

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