

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Two-Step Equations

Solve each equation. Undo addition or subtraction first, then multiplication or division.

1.  $6n - 18 = 48$

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11.  $9x + 8 = 80$

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2.  $\frac{m}{2} + 17 = 18$

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12.  $\frac{y}{4} + 7 = 15$

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3.  $\frac{y}{4} + 14 = 25$

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13.  $7m - 4 = 10$

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4.  $6x - 4 = 2$

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14.  $4m + 20 = 56$

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5.  $6y + 1 = 7$

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15.  $3m + 2 = 5$

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6.  $8y - 7 = 1$

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16.  $6n - 14 = 40$

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7.  $3n - 2 = 1$

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17.  $2n - 9 = 9$

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8.  $\frac{n}{4} + 20 = 22$

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18.  $7m - 1 = 34$

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9.  $\frac{x}{2} + 18 = 30$

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19.  $8n + 20 = 84$

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10.  $\frac{y}{8} + 19 = 20$

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20.  $\frac{x}{3} + 2 = 5$

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# Two-Step Equations: Answer Key

1.  $n = 11$

2.  $m = 2$

3.  $y = 44$

4.  $x = 1$

5.  $y = 1$

6.  $y = 1$

7.  $n = 1$

8.  $n = 8$

9.  $x = 24$

10.  $y = 8$

11.  $x = 8$

12.  $y = 32$

13.  $m = 2$

14.  $m = 9$

15.  $m = 1$

16.  $n = 9$

17.  $n = 9$

18.  $m = 5$

19.  $n = 8$

20.  $x = 9$