



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

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

Teacher: \_\_\_\_\_

Parent Sign: \_\_\_\_\_

## Math Worksheet for 6th Grade

### Finding mistakes in one-step equations

- 1)  $x + 7 = 13$ . Shown:  $x = 13 + 7 = 20$ .
- 2)  $y - 4 = 9$ . Shown:  $y = 9 - 4 = 5$ .
- 3)  $5x = 20$ . Shown:  $x = 20 + 5 = 25$ .
- 4)  $\frac{z}{3} = 5$ . Shown:  $z = 5 \div 3 = 1\frac{2}{3}$ .
- 5)  $x + (-6) = 2$ . Shown:  $x = 2 - 6 = -4$ .
- 6)  $-3 + x = 10$ . Shown:  $x = -3 + 10 = 7$ .
- 7)  $6 = t - 2$ . Shown:  $t = 6 - 2 = 4$ .
- 8)  $4p = 16$ . Shown:  $p = 16 \times 4 = 64$ .
- 9)  $\frac{q}{5} = 3$ . Shown:  $q = 3 \div 5 = 0.6$ .
- 10)  $x + 0 = 9$ . Shown:  $x = 0$ .
- 11)  $-2m = 8$ . Shown:  $m = 8 \times (-2) = -16$ .
- 12)  $a - 7 = -2$ . Shown:  $a = -2 - 7 = -9$ .
- 13)  $9 = b + 3$ . Shown:  $b = 9 + 3 = 12$ .
- 14)  $\frac{d}{4} = -3$ . Shown:  $d = -3 \div 4 = -0.75$ .
- 15)  $x - (-5) = 10$ . Shown:  $x = 10 - (-5) = 5$ .
- 16)  $8 = 2y$ . Shown:  $y = 8 + 2 = 10$ .
- 17)  $-5 = 3 + n$ . Shown:  $n = -5 + 3 = -2$ .
- 18)  $10 = 5k$ . Shown:  $k = 10 - 5 = 5$ .
- 19)  $\frac{p}{2} = 7$ . Shown:  $p = 2 \div 7 = 0.2857$ .
- 20)  $x + 3 = -2$ . Shown:  $x = -2 + 3 = 1$ .
- 21)  $-4 = x - 6$ . Shown:  $x = -4 - 6 = -10$ .
- 22)  $5 + m = 5$ . Shown:  $m = 5 + 5 = 10$ .
- 23)  $-6n = -18$ . Shown:  $n = -18 \times (-6) = 108$ .
- 24)  $\frac{k}{3} = -2$ . Shown:  $k = -2 + 3 = 1$ .
- 25)  $14 = x + 8$ . Shown:  $x = 14 \times 8 = 112$ .
- 26)  $\frac{x}{1} = 6$ . Shown:  $x = 6 + 1 = 7$ .
- 27)  $-9 + t = -4$ . Shown:  $t = -9 - 4 = -13$ .
- 28)  $3u = -9$ . Shown:  $u = -9 + 3 = -6$ .
- 29)  $4 = \frac{w}{2}$ . Shown:  $w = 4 \div 2 = 2$ .
- 30)  $v - 0 = -7$ . Shown:  $v = 0$ .
- 31)  $-2 = \frac{x}{5}$ . Shown:  $x = -2 \div 5 = -0.4$ .
- 32)  $7 + m = 0$ . Shown:  $m = 7 + 0 = 7$ .



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33)  $-4y = 12$ . Shown:  $y = 12 / (-4) = 3$ .

34)  $6 = -z$ . Shown:  $z = 6$ .

35)  $x + 4 = 4$ . Shown:  $x = 4 \times 4 = 16$ .

36)  $0 = 9a$ . Shown:  $a = 9$ .

37)  $\frac{b}{10} = 2$ . Shown:  $b = 10 \div 2 = 5$ .

38)  $-7 + x = -1$ . Shown:  $x = -7 - 1 = -8$ .

39)  $12 = 3 + c$ . Shown:  $c = 12 + 3 = 15$ .

40)  $2k = 1$ . Shown:  $k = 2 \div 1 = 2$ .

41)  $x - 10 = 5$ . Shown:  $x = 10 - 5 = 5$ .

42)  $-3 = 6 - y$ . Shown:  $y = -3 + 6 = 3$ .

43)  $15 = -5m$ . Shown:  $m = 15 \times (-5) = -75$ .

44)  $\frac{n}{6} = 0.5$ . Shown:  $n = 6 \div 0.5 = 12$ .

45)  $20 = x - 15$ . Shown:  $x = 20 - 15 = 5$ .

46)  $0.5p = 4$ . Shown:  $p = 0.5 + 4 = 4.5$ .

47)  $\frac{x}{4} = -1$ . Shown:  $x = -1 \div 4 = -0.25$ .

48)  $-8 + y = 0$ . Shown:  $y = -8 + 0 = -8$ .

49)  $11 = 11k$ . Shown:  $k = 11 \times 11 = 121$ .

50)  $3 + x = 3$ . Shown:  $x = 3 + 3 = 6$ .