

Solving Equations 4

Name: Key

1 Step Equations - add and subtract + check step

$$a + 3 = 7$$

$$a = 4$$

check: $4 + 3 = 7$
 $7 = 7 \checkmark$

$$10 = n - 6$$

$$n = 16$$

check: $10 = 16 - 6$
 $10 = 10 \checkmark$

$$13 = b + 8$$

$$b = 5$$

check: $13 = 5 + 8$
 $13 = 13 \checkmark$

$$5 + p = 14$$

$$p = 9$$

check: $5 + 9 = 14$
 $14 = 14 \checkmark$

$$7 + c = 21$$

$$c = 14$$

check: 11)
 $7 + 14 = 21$
 $21 = 21 \checkmark$

$$19 = -12 + q$$

$$q = 31$$

check: $19 = -12 + 31$
 $19 = 19 \checkmark$

$$12 = 4 + d$$

$$d = 8$$

check: 12)
 $12 = 4 + 8$
 $12 = 12 \checkmark$

$$r - 13 = 22$$

$$r = 35$$

check: $35 - 13 = 22$
 $22 = 22 \checkmark$

$$f - 3 = 7$$

$$f = 10$$

check: 13)
 $10 - 3 = 7$
 $7 = 7 \checkmark$

$$15 = t + 9$$

$$t = 6$$

check: $15 = 6 + 9$
 $15 = 15 \checkmark$

$$21 = g - 4$$

$$g = 25$$

check: 14)
 $21 = 25 - 4$
 $21 = 21 \checkmark$

$$-40 + v = 70$$

$$v = 110$$

check: $-40 + 110 = 70$
 $70 = 70 \checkmark$

$$-32 + h = 40$$

$$h = 72$$

check: 15)
 $-32 + 72 = 40$
 $40 = 40 \checkmark$

$$8 = 3 + w$$

$$w = 5$$

check: $8 = 3 + 5$
 $8 = 8 \checkmark$

$$5 = 1 + k$$

$$k = 4$$

check: 16)
 $5 = 1 + 4$
 $5 = 5 \checkmark$

$$x + (-22) = 30$$

$$x = 52$$

check: $52 + (-22) = 30$
 $30 = 30 \checkmark$

$$m + 12 = 40$$

$$m = 28$$

check: 17)
 $28 + 12 = 40$
 $40 = 40 \checkmark$

$$17 = y + 7$$

$$y = 10$$

check: $17 = 10 + 7$
 $17 = 17 \checkmark$

OK...this is tougher but you can do it! A mixed review WITH negatives!

1) $-21 = c + 4$

$$c = -25$$

2) $\frac{5}{3}b = -10$

$$b = -6$$

3) $-25 = v - 5$

$$v = -20$$

4) $-12f + 2f = 40$

$$f = -4$$

5) $-36 = -x$

$$x = 36$$

6) $-\frac{x}{2} = 8$

$$x = -16$$

7) $-6 = -\frac{3}{4}s$

$$s = 8$$

8) $-3r - r = -36$

$$r = 9$$

9) $-50 = x - 12$

$$x = -38$$

10) $\frac{t}{9} = -3$

$$t = -27$$

11) $-24 = -4p$

$$p = 6$$

12) $3n - 12n = -63$

$$n = 7$$

13) $-10 = \frac{2}{5}x$

$$x = -25$$

14) $-6m = 66$

$$m = -11$$