

More Practice sheet 3

Name _____

Solving Linear Equations

Do all problems in notebook.

Check each answer by substituting into original equation.

DO ALL OF THESE:

Part 1

1. ① $5(x + 4) = 40$
2. ② $-2(3y - 7) = 56$
3. ③ $6(1 - 4w) = -18$
4. ④ $4(2x + 5) - 8 = 36$
5. ⑤ $2(5 - 3v) + 9v = 28$
6. ⑥ $7 - 3(5t - 10) = 67$
7. ⑦ $-9(6 + u) - 2u = -10$
8. ⑧ $13x + 7(-3x - 1) = -63$

CHALLENGE YOURSELF WITH THESE:

Part 2

- | | |
|----------------------------------|----------------------------|
| ⑨ $15 - (4m - 5) = 32$ | |
| ⑩ $-2(-7k + 4) + 9 = -13$ | |
| ⑪ $-5y - 5(-6 - 2y) = 0$ | ⑬ $\frac{m}{3} + 5 = -2$ |
| ⑫ $3(1 + 4n) - 2(5n - 3) = 25$ | ⑭ $\frac{-3}{4}x + 4 = -2$ |
| ⑬ $-6(x - 2) + 4(3 - 6x) = -36$ | ⑮ $-9 - 7x = -5$ |
| ⑭ $5(4 + 2x) - (8x - 12) = 68$ | ⑯ $12 - \frac{3}{2}y = 4$ |
| ⑮ $-3(-4 - 6y) + 7(-y + 5) = -8$ | |
| ⑯ $8(2w - 6) + 4(-1 - 5w) = 0$ | |