

HW 4-2

One-Step Equations with
Ration Numbers

Int 1

Unit 4

Instructions: For each of the following equations, you must do these 3 steps to get full credit.

- 1) Circle the variable and set up your lines.
- 2) Use Inverse Operations on BOTH SIDES.
- 3) Solve with the variable in your answer.

Remember, you can check your answers to make sure that you got the right answer!

1) $4.5 = x + 3.5$

5) $1.2x = 6$

9) $3\frac{1}{3} = -\frac{1}{2}n$

2) $t - 5.6 = 7.1$

6) $14.4 = -2.4b$

3) $g + \frac{3}{4} = \frac{2}{3}$

7) $-3.6h = -10.8$

10) $-\frac{7}{9}m = -\frac{11}{6}$

4) $m - \frac{1}{8} = 4$

8) $\frac{2}{5}t = \frac{12}{25}$

11) $5x = -24.5$

12) $22.8 = 6n$

16) $-4\frac{7}{8} + k = 5\frac{1}{8}$

20) $1\frac{3}{4}x = 2$

13) $\frac{7}{8}k = \frac{5}{6}$

17) $g - \frac{2}{7} = 6$

21) $2.5v = 5$

14) $6\frac{1}{4} = \frac{3}{5}c$

18) $2\frac{1}{3} = b + 5\frac{1}{8}$

22) $2.6 + b = 4$

15) $\frac{4}{7}b = -8\frac{2}{3}$

19) $\frac{2}{3} + c = \frac{1}{2}$

23) $4.5t = 9$

24) $1\frac{1}{2}m = 2\frac{5}{6}$