

Solving Equations Practice

Solve the following equations using properties of equality. Show all of your work and check your solution. Leave all answers as fractions in lowest terms.

1.) $4x - 18 = 3x$

2.) $7n = -35n - 6$

3.) $5x + 6 = -14x - 13$

4.) $-2m = 6m - (9 + 10m)$

5.) $13 - 4h = 11(4h - 3)$

6.) $\frac{x}{3} + 5 = -2$

$$7.) 9 - \frac{2}{3}x = -1$$

$$8.) \frac{3x-5}{4} = 10$$

$$9.) \frac{8-x}{3} - 18 = -20$$

$$10.) \frac{2}{5}h - \frac{6}{5} = 2 + \frac{3}{5}h$$