

NAME: _____

SOLVING EQUATIONS

Discover the secret message by:

First, solve each equation. Second, match your solution with a letter on the right. Finally, read the solution on the side of the page.

I 1. $2x - 7 = 13$

B. $x = \frac{9}{4}$

L 2. $7 - 3x = 9 + x$

E. $x = 0$

O 3. $\frac{1}{5}x = 2x + 3$

I. $x = 10$

V 4. $3(x - 5) = 12$

L. $x = \frac{4}{9}$

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

V. $x = 9$

A 6. $2x + 5 - 4(x + 3) = -3(x - 3)$

A. $x = -\frac{4}{3}$

L 7. $\frac{1}{3}(6 - 15x) = -2 + 4x$

E. $x = \frac{14}{9}$

G 8. $4x - 1 = 2x + 3$

A. $x = 16$

E 9. $(2x - 1) + 3(x - 5) = -2(2x + 1)$

O. $x = -\frac{5}{3}$

B 10. $x + 5 - \frac{1}{2}(4 - 6x) = 12$

R. $x = -\frac{1}{3}$

R 11. $3 - 2x = 5 + 4x$

L. $x = -\frac{1}{2}$

A 12. $x + 7 = -\frac{1}{4}(8x - 12)$

G. $x = 2$

How Did You Do? 😊 😐 ☹️