

Solving Algebraic Equations

Instruction: Combine like terms to solve for the missing value.

11. $2(3e - 2) + 9 = -5e$ 12. $3(1 + p) = -5(p + 1)$

$e =$

$p =$

13. $3(1 - 3g) = -7 + g$

$g =$

14. $1 + 2b = 4b + 9$

$b =$

15. $2z + 6 = 3z + 1$

$z =$

16. $5a - 2 = -9a + 8$

$a =$

17. $6t - 5 = -9t - 9$

$t =$

18. $-1 + 3f = -7 - 6f$

$f =$

19. $2 + r = 7 + 6r$

$r =$

20. $-6k + 1 = -2 + 7k$

$k =$