

Solving One Variable Equations

Distribution

Expand and simplify.

a) $3(x + 1)$

b) $-3(x - 5)$

c) $-(x - 7)$

d) $-2(x + 1) + 5x$

Solving Equations

Solve the following.

a) $2x + 1 = 7$

b) $5x - 2 = 3x + 6$

c) $3(x + 3) = x + 7$

d) $5(x - 1) - (x + 3) = x + 7$