

1. Solve by factoring.

a) $x^2 - 5x + 6 = 0$

b) $x^2 - x = 6$

c) $2x^2 + 2x = x^2 + 8$

d) $x^2 = 3(x + 6)$

e) $2x^2 - 5x = 3x^2 + 2x + 6$

f) $2x^2 + x = 6$