

Solving Equations By Factoring

1. Solve each equation by factoring.

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

b) $-15x^2 + 75x = 0$

c) $2m^2 + 3m - 10m - 15 = 0$

d) $6x^3 - 33x^2 - 120x = 0$

$$\text{e)} \quad -x^2 + 16x = -36$$

$$\text{f)} \quad x^2 = 7x - 12$$

$$\text{g)} \quad 2p^3 = 162p$$