

3.

A. $x^2 + 10x + 21 = 0$

$\hookrightarrow (x+3)(x+7)$

B. $x^2 - 3x + 2 = 0$

$\hookrightarrow (x-1)(x-2)$

C.

C. $x^2 + 12x + 20 = 0$

$\hookrightarrow (x+2)(x+10)$

D. $x^2 - 64 = 0$

$\hookrightarrow (x-8)(x+8)$

E. $2x^2 + 9x + 10 = 0$

$\hookrightarrow (2x+5)(x+2)$