Solve this equation

$(E - 7)(E + 21) = 0$

$= 0 \quad = 0$

$E = 7, -21$

Solve this equation

$(5P + 6)(3P - 11) = 0$

$= 0 \quad = 0$

$P = -\frac{6}{5}, \frac{11}{3}$

Solve this equation

$(7K - 5)(7K - 5) = 0$

$= 0$

$K = \frac{5}{7}$

Solve this equation

$(4H - 1)(4H + 1) = 0$

$= 0 \quad = 0$

$H = \frac{1}{4}, -\frac{1}{4}$

or

$\pm\frac{1}{4}$

Solve this equation

$6C(C + 4) = 0$

$C = 0, -4$

$\frac{6C}{6} = \frac{0}{6}$

$C = 0$

If you can get an equation to have the following form:

( )•( )•( )•…•( ) = 0

the solutions are the zeros of each factor.

Solve by factoring.

$8k^2 - 18k - 5 = 0$

$(2k - 5)(4k + 1) = 0$

$K = -1/4, 5/2$

Solve by factoring.

$y^2 + 4y = 12$

$y^2 + 4y - 12 = 0$

$(y + 6)(y - 2) = 0$

$y = -6, 2$