Standard form?

(2) 2x2 + 7x +3

(1)  $h^2 + 5x + 6$ 

GICP (1) Identify a , b, L valves -> a=1, b=5, c=6

Step (2) multiply o. c -> al = 6

Step 3 Find two numbers that multiply to 6 und add to 5

Bicp(y) Decompose middle term

273=6 2+3=5

x2+5x+6-> x2+2x+3x+b

Step (5) Gloup term in pails rat Factor 12 + 2×43×+6

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

X(X+2) +3 (X+2)

611P(6) factor out common binomial

(x+2)(x+3)

(2) 2x2 + 7x+3

a=2, b= 7, L=3

2x2+1x+ x+3

C2X2+6K)+(X+3)

2X( K+3) + (X+3)

(5×41) (x+3)

$$\frac{2x^{2} + 7x + 3}{a = 2, b = 1, c = 3}$$

$$2x^2 + 6x + x + 3$$

$$2x(x+3) + 1(x+3)$$

$$(x+3)(2x+1)$$