

FileID: 1 FileName: _____

Language javascriptTheme High Contrast Dark

```

1  let n=Math.floor(Math.random()*10)
2  let m=Math.floor(Math.random()*10)
3  let p=Math.floor(Math.random()*10)
4  let q=Math.floor(Math.random()*10)
5  let a=n*m
6  let b=p*n+q*m
7  let c=p*q
8  let St=`${a}x^2+${b}x+c`;
9  let Val=0; //val is null ;check follow Anserw list;
10 let Range={}
11 Rang[1]=`(${n}x+${p})(${m}x-${q})`;
12 Rang[2]=`(-${n}x-${p})(-${m}x-${q})`;

```

Save and run

X[1-5] check ans:

$$x^2 + -4x + -32 = (1x+4)(1x-8) = (x+4)(x-8)$$

$$x^2 + 10x + 9 = (1x+9)(1x+1) = (x+9)(x+1)$$

$$x^2 + 3x + -18 = (1x+6)(1x-3)$$

$$x^2 + 0x + -25 = (1x+5)(1x-5)$$

$$x^2 + 4x + 3 = (1x+3)(1x+1)$$

$$x^2 + -1x + -12 = (1x+3)(1x-4)$$

$$x^2 + 2x + -24 = (1x+6)(1x-4)$$

$$x^2 + 18x + 81 = (1x+9)(1x+9)$$

$$x^2 + -4x + -32 = (1x+8)(1x-4)$$

$$x^2 + 1x + -20 = (1x+5)(1x-4)$$

$$x^2 + 8x + 15 = (1x+3)(1x+5)$$

$$x^2 + 8x + -9 = (1x+9)(1x-1)$$

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