

$$12x^2 + 34x + 10$$

$$2(6x^2 + 17x + 5)$$



$$6 \cdot 5$$

11

$$30$$

$$1 \cdot 30$$

$$\boxed{2 \cdot 15}$$

$$30$$

$$\boxed{2 + 15}$$

$$17$$

$$2 \left[\underbrace{6x^2 + 2x}_{\downarrow} + 15x + 5 \right]$$

$$2 \left[\boxed{2x} (3x + 1) + \boxed{5} (3x + 1) \right]$$

$$2 \left[(2x + 5) + (3x + 1) \right]$$