1 因数分解せよ.

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

(5)
$$x^2 + (4y+3)x + 3y^2 + 7y + 2$$

(2)
$$x^2 + (4y+2)x + (2y-3)(2y+5)$$

(6)
$$x^2 + (5y+2)x + 4y^2 + 11y - 3$$

(3)
$$x^2 + (y+3)x - (2y+1)(y-2)$$

$$(7) \ x^2 + x - y^2 - 3y - 2$$

(4)
$$x^2 - (3y - 1)x + (y + 2)(2y - 3)$$

(8)
$$x^2 - (5y - 6)x + 6y^2 - 17y + 5$$

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2 因数分解せよ.

$$(1) \ 2x^2 + 5xy + 4x + 6y^2 + 11y + 3$$

(4) $6x^2 - 11xy + 8x - 2y^2 - 3y + 2$

$$(2) \ 3x^2 + 7xy + 12x + 2y^2 + 9y + 9$$

(3) $6x^2 + 8xy + 9x + 2y^2 + 7y + 3$

(5)
$$10x^2 - 11xy + 7x + 3y^2 - 4y + 1$$

(6)
$$12x^2 - 20xy + 8x + 3y^2 + 4y - 4$$

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