$$A = 2x^2 + 5x - 1, \ B = -3x^2 + 4x - 7 のとき$$

$A + B \ =$

$A=2x^2+5x-1, \ B=-3x^2+4x-7$ のとき

$$A+B \ = \ (2x^2+5x-1)+(-3x^2+4x-7)$$

$$= \ 2x^2+5x-1 \quad -3x^2+4x-7$$

$$= \quad\quad\quad -x^2+9x-8 \quad \boxed{答}$$

$A = 2x^2 + 5x - 1, \ B = -3x^2 + 4x - 7$ のとき

$A - B \ =$

$A = 2x^2 + 5x - 1, \ B = -3x^2 + 4x - 7$ のとき

$$A - B = (2x^2 + 5x - 1) - (-3x^2 + 4x - 7)$$

$$= 2x^2 + 5x - 1 \quad + 3x^2 - 4x + 7$$

$$= 5x^2 + x + 6 \quad \boxed{答}$$

$A = 2x^2 + 5x - 1, \ B = -3x^2 + 4x - 7$ のとき

$$4A - 2B$$

$A = 2x^2 + 5x - 1, \ B = -3x^2 + 4x - 7$のとき

$$4A - 2B$$

$$= 4(2x^2 + 5x - 1) - 2(-3x^2 + 4x - 7)$$

$$= 8x^2 + 20x - 4 \quad\quad + 6x^2 - 8x + 14$$

$$= 14x^2 + 12x + 10 \quad \boxed{答}$$

$A=2x^2+5x-1,\ B=-3x^2+4x-7$のとき

$$2\left(A+3B\right)-3\left(A-B\right)$$

$$2\,(A + 3B) - 3\,(A - B)$$
$$= \quad 2A + 6B \quad -3A + 3B$$
$$= \qquad\qquad -A + 9B$$

$A = 2x^2 + 5x - 1,\ B = -3x^2 + 4x - 7$ のとき

$$2\,(A + 3B) - 3\,(A - B)$$
$$= \quad 2A + 6B \quad -3A + 3B$$
$$= \qquad\qquad -A + 9B$$
$$= -(2x^2 + 5x - 1) + 9\,(-3x^2 + 4x - 7)$$
$$= \quad -2x^2 - 5x + 1 \quad -27x^2 + 36x - 63$$
$$= \qquad\qquad -29x^2 + 31x - 62 \quad \boxed{答}$$