tip: $Pacx^2 + P(ad + bc)x + Pbd$
$= P\{acx^2 + (ad + bc)x + bd\}$
$= P(ax + b)(cx + d)$

(1) $9x^2 - 6x$

(2) $-2x^2 + 9x + 5$

(3) $-2x^2 - 19x - 35$

(4) $-5x^2 - 36x + 81$

(5) $35x - 7$

(6) $-4x^2 - 12x - 8$

(7) $2x^2 - 8x - 24$

(8) $-2x^2 - 2x + 12$

(9) $-3x^2 - 9x - 6$

(10) $-6x^2 + 42x - 72$

(11) $15x^2 + 64x + 64$

(12) $4x^2 + 28x + 48$

(13) $3x^2 - 25x + 8$

(14) $-8x - 4$

(15) $-3x^2 - 19x - 30$

(16) $-3x^2 + 12x - 9$

(17) $-8x^2 - 48x - 70$

(18) $4x^2 + 33x - 70$

(19) $6x^2 - 11x + 3$

(20) $-10x^2 + 22x - 12$

(21) $6x^2 - 29x + 30$

(22) $25x^2 - 30x + 8$

(23) $20x^2 + 37x + 8$

(24) $-15x^2 + 46x - 16$

(25) $8x^2 - 8x - 16$