

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

(1) $-20x^2 - 85x - 90$

(2) $-15x^2 - 2x + 1$

(3) $4x^2 - 26x - 48$

(4) $-16x^2 - 24x + 27$

(5) $-15x^2 + 2x + 45$

(6) $12x^2 + 27x$

(7) $-2x^2 + 10x$

(8) $-8x^2 - 18x + 35$

(9) $12x^2 + 5x - 28$

(10) $-5x^2 - 32x - 12$

(11) $6x^2 + 2x - 48$

(12) $-8x - 8$

(13) $6x^2 - 35x + 36$

(14) $-16x^2 + 4x + 2$

(15) $-3x^2 + 29x - 40$

(16) $-6x^2 + 8x - 2$

(17) $-9x^2 - 9x + 54$

(18) $-12x^2 + 34x - 24$

(19) $16x^2 + 52x + 42$

(20) $-30x + 70$

(21) $12x^2 - 5x - 72$

(22) $-4x^2 - 20x + 56$

(23) $-x^2 - 3x$

(24) $3x^2 + 13x - 56$

(25) $-2x^2 + 5x + 7$