

♥រូបមន្តសង្ខេប រាងកាណូនិចនៃអនុគមន៍សំខាន់ៗទាំង ១០♥

រៀបរៀង និងបោះពុម្ពដោយ: ស៊ី សំអុន

ឆ្នាំរំលឹក: ០៩៦ ៩៤០ ៥៨៤០២

$$\textcircled{1} \quad f(x) = \frac{ax + \beta}{ax + b} \text{ គេបាន}$$

$$f(x) = A + \frac{B}{ax + b}$$

$$\textcircled{2} \quad f(x) = \frac{ax + \beta}{(ax + b)^2} \text{ គេបាន}$$

$$f(x) = \frac{A}{ax + b} + \frac{B}{(ax + b)^2}$$

$$\textcircled{3} \quad f(x) = \frac{ax^2 + \beta x + \lambda}{ax + b} \text{ គេបាន}$$

$$f(x) = Ax + B + \frac{C}{ax + b}$$

$$\textcircled{4} \quad f(x) = \frac{ax^2 + \beta x + \lambda}{(ax + b)^2} \text{ គេបាន}$$

$$f(x) = A + \frac{B}{ax + b} + \frac{C}{(ax + b)^2}$$

$$\textcircled{5} \quad f(x) = \frac{ax^2 + \beta x + \lambda}{(ax + b)(cx + d)} \text{ គេបាន}$$

$$f(x) = A + \frac{B}{ax + b} + \frac{C}{cx + d}$$

$$\textcircled{6} \quad f(x) = \frac{ax^2 + \beta x + \lambda}{x^3 - a^3} \text{ គេបាន}$$

$$f(x) = \frac{A}{x + a} + \frac{Bx + C}{x^2 + ax + a^2}$$

$$\textcircled{7} \quad f(x) = \frac{ax^2 + \beta x + \lambda}{ax^2 + bx + c}; b^2 - 4ac < 0 \text{ គេបាន}$$

$$f(x) = A + \frac{Bx + C}{x^2 + bx + c}$$

$$\textcircled{8} \quad f(x) = \frac{ax + \beta}{ax^2 + bx + c}; b^2 - 4ac < 0 \text{ គេបាន}$$

$$f(x) = \frac{A(2ax + b) + B}{x^2 + bx + c}$$

$$\textcircled{9} \quad f(x) = \frac{ax + \beta}{(ax + b)(cx + d)} \text{ គេបាន}$$

$$f(x) = \frac{A}{ax + b} + \frac{B}{cx + d}$$

$$\textcircled{10} \quad f(x) = \frac{\alpha}{(ax + b)(cx + d)} \text{ គេបាន}$$

$$f(x) = \frac{A}{ax + b} + \frac{B}{cx + d}$$

លំហាត់គំរូសម្រាប់អនុវត្ត!

I ចូរសរសេរអនុគមន៍សនិទានខាងក្រោមជាទម្រង់កាណូនិច រួចគណនាអាំងតេក្រាលមិនកំណត់នៃអនុគមន៍នីមួយៗ៖

$$\textcircled{1} \quad f(x) = \frac{2x + 3}{x - 3}$$

$$\textcircled{2} \quad f(x) = \frac{4x + 5}{2x + 1}$$

$$\textcircled{3} \quad f(x) = \frac{4x - 3}{x + 2}$$

$$\textcircled{4} \quad f(x) = \frac{x + 1}{(x + 1)^2}$$

$$\textcircled{5} \quad f(x) = \frac{3x + 2}{(x - 3)^2}$$

$$\textcircled{6} \quad f(x) = \frac{x}{(2x - 1)^2}$$

$$\textcircled{7} \quad f(x) = \frac{2x - 5}{(3x - 2)^2}$$

$$\textcircled{8} \quad f(x) = \frac{x^2 + x + 1}{x + 2}$$

$$\textcircled{9} \quad f(x) = \frac{2x^2 - x + 3}{x - 3}$$

$$\textcircled{10} \quad f(x) = \frac{x^2 + 3 + 5}{2x + 1}$$

$$\textcircled{11} \quad f(x) = \frac{x^2 - 3x + 4}{3x + 2}$$

$$\textcircled{12} \quad f(x) = \frac{2x^2 + x + 1^2}{x + 3}$$

$$\textcircled{13} \quad f(x) = \frac{x^2 + 3x - 4}{(x + 5)^2}$$

$$\textcircled{14} \quad f(x) = \frac{x^2 + 2}{(2x + 1)^2}$$

$$\textcircled{15} \quad f(x) = \frac{x^2}{x^2 - 1}$$

$$\textcircled{16} \quad f(x) = \frac{x^2 - 3x + 1}{(x - 1)(2x + 3)}$$

$$\textcircled{17} \quad f(x) = \frac{x^2 - 5x + 4}{(2x - 1)(1 - x)}$$

$$\textcircled{18} \quad f(x) = \frac{x^2 + x + 1}{(x + 1)(x + 2)}$$

$$\textcircled{19} \quad f(x) = \frac{x^2 + 4}{x^2 - 9}$$

$$\textcircled{20} \quad f(x) = \frac{x^2}{x^2 - 4}$$

$$\textcircled{21} \quad f(x) = \frac{2x^2 - 5x + 11}{x^3 - 8}$$

$$\textcircled{22} \quad f(x) = \frac{4x^2 + 3x + 7}{(x - 2)(2 - 3x)^2}$$

$$\textcircled{23} \quad f(x) = \frac{2x^2 - 5x + 17}{(x - 2)^2(x + 3)}$$

$$\textcircled{24} \quad f(x) = \frac{2x^2 - 11x + 20}{(x - 3)^2(x + 2)}$$

$$\textcircled{25} \quad f(x) = \frac{3x^2 + x - 4}{x^2 + 2x + 4}$$

$$\textcircled{26} \quad f(x) = \frac{x^2 - 3x + 4}{2x^2 + 3x + 3}$$

$$\textcircled{27} \quad f(x) = \frac{5x + 11}{x^2 + 4}$$

$$\textcircled{28} \quad f(x) = \frac{2x}{2x^2 + x + 2}$$

$$\textcircled{29} \quad f(x) = \frac{x + 1}{(x + 2)(x + 3)}$$

$$\textcircled{30} \quad f(x) = \frac{2x+3}{(1-x)(x-2)}$$

$$\textcircled{31} \quad f(x) = \frac{x}{(x-1)(1-x)}$$

$$\textcircled{32} \quad f(x) = \frac{-4}{x^2-4}$$

$$\textcircled{33} \quad f(x) = \frac{3}{x^2-1}$$

$$\textcircled{34} \quad f(x) = \frac{\sqrt{2}}{x^2-2}$$

$$\textcircled{35} \quad f(x) = \frac{-\sqrt{3}}{x^2-3}$$

$$\textcircled{36} \quad f(x) = \frac{-6}{(x+1)(x-2)}$$

$$\textcircled{37} \quad f(x) = \frac{10}{x^2+3x+2}$$

$$\textcircled{38} \quad f(x) = \frac{8}{2x^2+2x-4}$$

សូមសំណាងល្អ!