275 $\frac{x^2}{x+4} - 2 = x$ $\left[-\frac{4}{3}\right]$

276 $\frac{1}{x-1} = \frac{2}{x-2}$ [0]

277 $\frac{3}{x+3} - \frac{2}{4-x} = 0$ $\left[\frac{6}{5}\right]$

278 $\frac{x^2}{x-3} - x - 1 = \frac{1}{2}$ [−3]

279 $\frac{x}{2x+2} + x + 1 = \frac{x^2}{x+1}$ $\left[-\frac{2}{5}\right]$

280 $x + \frac{4}{4-x} = \frac{x}{4-x} + x + 4$ [impossibile]

281 $\frac{x+1}{x-1} - 2 = \frac{2x}{x-1}$ [impossibile]

282 $\frac{2x-3}{2x+4} = \frac{x}{x+2} - \frac{1}{x}$ [4]

283 $3 - \frac{1}{2x} = \frac{6+10x}{2x+4} - 2$ $\left[\frac{2}{13}\right]$

284 $\frac{3}{x} + \frac{1}{2} = \frac{2x-1}{x}$ $\left[\frac{8}{3}\right]$

285 $\frac{-1}{x-3} = \frac{2}{x+1}$ $\left[\frac{5}{3}\right]$

286 $\frac{x+1}{3x} = \frac{x}{3x+1}$ $\left[-\frac{1}{4}\right]$

287 $\frac{1+3x}{4x+4} - \frac{5-x}{x+1} = 2$ [−27]

288 $\frac{5}{2-2x} - \frac{x}{x^2-2x+1} = 0$ $\left[\frac{5}{7}\right]$

289 $\frac{x-1}{x^2+3x} + \frac{2}{x} + \frac{9}{2x+6} = 0$ $\left[-\frac{2}{3}\right]$

293 $\frac{1}{x} + \frac{3x}{3x+4} - \frac{1}{2} = \frac{x+4}{2x} - \frac{18}{x(3x+4)}$ [2]

294 $\frac{6x+3}{(x-2)^2} + \frac{20x-32}{4x} = 6 + \frac{1-x^2}{x(x-2)}$ [1]

295 $\frac{2}{1-x} = \frac{1}{x-x^2} + \frac{1}{x}$ $\left[\frac{2}{3}\right]$

296 $\frac{4}{x^2-4} + \frac{1}{x^2-2x} = \frac{3}{x^2+2x}$ [−4]

297 $\frac{x-1}{2x-6} + \frac{6}{x^2-9} - \frac{x}{2x+6} = 0$ $\left[-\frac{9}{5}\right]$

298 $\frac{1}{2x-4} - \frac{2}{x+2} = \frac{x+5}{3x^2-12}$ $\left[\frac{20}{11}\right]$

299 $\frac{2}{x^2-1} + \frac{7}{x-1} = \frac{1}{x+1}$ $\left[-\frac{5}{3}\right]$

300 $\frac{6x+1}{x^2-4} - \frac{6}{x} = \frac{3}{x^3-4x}$ [−21]

301 $\frac{4}{3x} + \frac{1}{3x+12} - \frac{x-1}{2x^2+8x} = 0$ [−5]

302 $\frac{x-1}{x^2-25} + \frac{4}{5+x} = \frac{2}{5-x}$ $\left[\frac{11}{7}\right]$

303 $\frac{2x}{x^2+6x+9} + \frac{1}{x+3} - \frac{3x-1}{x^2+3x} = 0$ $\left[\frac{3}{5}\right]$

304 $\frac{1}{2}\left[\frac{2x}{x^2-4} - \left(\frac{x}{x+2} - 1\right)\right] = \frac{6}{2-x}$ $\left[-\frac{5}{4}\right]$

305 $\frac{x-1}{x+3} - \frac{2}{x^2+4x+3} = \frac{x+3}{x+1}$ [−2]

306 $\frac{2+2x^2}{x^3+1} + \frac{1-x^2}{x^2-x+1} + \frac{x}{x+1} = 0$ $\left[-\frac{3}{2}\right]$

307 $\frac{x-1}{x^2+4x+4} + \frac{1}{2+x} = \frac{5}{4x+8}$ [2]

308 $\dfrac{7x-10}{x^2+x-6}+\dfrac{6}{x-2}=\dfrac{5}{x+3}$ $\left[-\dfrac{9}{4}\right]$

309 $\dfrac{2}{x^2-x}-\dfrac{4}{x^2-1}=\dfrac{1}{x^2+x}$ [impossibile]

310 $\dfrac{x+5}{2x-8}+\dfrac{x-2}{x}=\dfrac{3x+1}{2x}+\dfrac{x+1}{x(x-4)}$ $[-9]$

311 $\dfrac{x}{x+4}-\dfrac{3x+4}{2(x-3)}=-\dfrac{7+4x}{8+2x}+\dfrac{3}{2}$ $\left[-\dfrac{1}{30}\right]$

312 $\left(\dfrac{1}{3}x+1\right):(x+1)=\dfrac{2}{3}+\dfrac{1}{x}:\left(1+\dfrac{1}{x}\right)$ $[-2]$

313 $\dfrac{2}{3x+7}+\dfrac{5x+2}{x-1}=\dfrac{5+3x}{x}+\dfrac{6x+2}{3(x-1)}$ $\left[-\dfrac{21}{5}\right]$

314 $3-2x-\dfrac{1}{5x-1}=2-\dfrac{x(1+6x)}{3x+2}$ $\left[\dfrac{4}{7}\right]$

315 $\dfrac{7x+2}{2x-3}+\dfrac{5x+4}{x}=\dfrac{34x^2+43x-2}{4x^2-9}+\dfrac{10-x}{2x^2-3x}$ $\left[-\dfrac{11}{9}\right]$

316 $\dfrac{3(4x+1)}{3x+2}-\dfrac{6x+2}{3x-1}=\dfrac{6x+4}{3x-1}-\dfrac{15}{9x+6}$ [impossibile]

317 $\dfrac{2(3x+6)}{2x+1}-\dfrac{x}{3x+6}+2=\dfrac{3x+10}{x+2}+\dfrac{5x+4}{3x+6}$ $\left[-\dfrac{50}{19}\right]$

318 $\dfrac{2}{2x+1}+\dfrac{6x-2}{3}-\dfrac{1}{3x}=2x-\dfrac{4(x+1)}{3(2x+1)}$ $\left[\dfrac{1}{6}\right]$

319 $\dfrac{2x-1}{5x+6}+\dfrac{3x^2}{3x+1}+2x=\dfrac{10x^2+14x-3}{5x+6}+\dfrac{3x^2+2}{3x+1}$ $\left[-\dfrac{5}{2}\right]$

320 $\dfrac{3}{x}+(6x+5)-\dfrac{6x+1}{3x-1}=3x+\dfrac{9x+6}{3x-1}+\dfrac{3x^2+1}{x}$ $\left[-\dfrac{1}{3}\right]$

321 $\left(\dfrac{x^3-x^2}{1-x^2}+x-1\right):\left(1-\dfrac{x}{x+1}\right)=x^2(-x)^{-1}-2$ [impossibile]

322 $\dfrac{5x+2}{2(x^2-4)}+\dfrac{x}{2x+3}=\dfrac{x+4}{2x+3}+\dfrac{1}{2(x-2)}$ $\left[-\dfrac{8}{3}\right]$

323 $\dfrac{2x^2+1}{x^2-x-20}+6x+2=\dfrac{6x^2-26x-15}{x-5}$ [7]

324 $\dfrac{128x+16}{x^2+12x}-6+\dfrac{8x^2+2}{x}=8x+\dfrac{10-6x}{x}$ $\left[\dfrac{2}{3}\right]$

325 $\dfrac{2x^3+4x^2+18}{x^2+8x+15}+\dfrac{2x+2}{x+3}=-1+\dfrac{15-9x}{x+5}+2x$ [1]

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326 $\left(\dfrac{6x+2}{x^2-4x+4}+\dfrac{2}{2x-x^2}\right)\cdot\left(1-\dfrac{2}{x}\right)=\dfrac{6x-1}{x^2-2x}$