348 $bx + b = 0$ $\qquad$ $[b \neq 0, x = -1; b = 0, \text{indet.}]$

349 $ax - 3a^2 = 0$ $\qquad$ $[a \neq 0, x = 3a; a = 0, \text{indet.}]$

350 $ax = x + a$ $\qquad$ $\left[a \neq 1, x = \dfrac{a}{a-1}; a = 1, \text{imp.} \right]$

351 $bx - 2 = 0$ $\qquad$ $\left[b \neq 0, x = \dfrac{2}{b}; b = 0, \text{imp.} \right]$

352 $2ax - a = 0$ $\qquad$ $\left[a \neq 0, x = \dfrac{1}{2}; a = 0, \text{indet.} \right]$

353 $ax + 2 - a = 0$ $\quad$ $\left[a \neq 0, x = \dfrac{a-2}{a}; a = 0, \text{imp.} \right]$

354 $2a - 3x = 7a - 5x$ $\qquad$ $\left[x = \dfrac{5a}{2} \right]$

355 $b(x - 2) + b + 1 = 0$

$\left[b \neq 0, x = \dfrac{b-1}{b}; b = 0, \text{imp.} \right]$

356 $6x - 3(x + 2a) = a + 4(x - 2a)$ $\qquad$ $[x = a]$

357 $ax = ab$ $\qquad$ $[a \neq 0, x = b; a = 0, \text{indet.}]$

358 $2x - 4(3x - a) = 6(a - 2x) + 6a$

$[x = 4a]$

359 $2bx = 2b - 1$

$\left[b \neq 0, x = \dfrac{2b-1}{2b}; b = 0, \text{imp.} \right]$

360 $(a + 1)x = 3$

$\left[a \neq -1, x = \dfrac{3}{a+1}; a = -1, \text{imp.} \right]$

361 $ax + 2x = 2a + 4$

$[a \neq -2, x = 2; a = -2, \text{indet.}]$

362 $(a^2 - 3a)x = a(a^2 - 9)$

$[a \neq 0 \wedge a \neq 3, x = a + 3; a = 0, a = 3, \text{indet.}]$

363 $2b(b - 2)x = b^2 - 4b + 4$

$\left[b \neq 0 \wedge b \neq 2, x = \dfrac{b-2}{2b}; b = 0, \text{imp.}; \right.$

$\left. b = 2, \text{indet.} \right]$

364 $a^2(a - 1)\,x = a^2 + a + 2ax$

365 $b^2x + b^2 = b^4 + bx$ $\qquad$ $[b \neq 0 \wedge b \neq 1, x = b(b + 1); b = 0, b = 1, \text{indet.}]$

366 $a(5 - 4x) = 4 + a^2(1 - x)$ $\qquad$ $\left[a \neq 0 \wedge a \neq 4, x = \dfrac{a-1}{a}; a = 0, \text{imp.}; a = 4, \text{indet.} \right]$

367 $3x(a - 2b) + a(2 - b) = 2x + 2ax + x(a - 6b)$ $\qquad$ $\left[x = -\dfrac{a(b-2)}{2} \right]$

368 $-a - x = 1 - a^2x$ $\qquad$ $\left[a \neq \pm 1, x = \dfrac{1}{a-1}; a = -1, \text{indet.}; a = 1, \text{imp.} \right]$

369 $k^2x - 2kx - k = 0$ $\qquad$ $\left[k \neq 0 \wedge k \neq 2, x = \dfrac{1}{k-2}; k = 0, \text{indet.}; k = 2, \text{imp.} \right]$

370 $a(x - a - 1) + bx(2 + x) - 3bx^2 = 2(x - 3) - 2bx(x - 1)$ $\qquad$ $[a \neq 2, x = a + 3; a = 2, \text{indet.}]$

371 $abx = b$ $\qquad$ $\left[b \neq 0 \wedge a \neq 0, x = \dfrac{1}{a}; b = 0, \text{indet.}; b \neq 0 \wedge a = 0, \text{imp.} \right]$

372 $2ab^2x = ab + a$ $\qquad$ $\left[a \neq 0 \wedge b \neq 0, x = \dfrac{b+1}{2b^2}; a = 0, \text{indet.}; a \neq 0 \wedge b = 0, \text{imp.} \right]$

373 $3x - 2a(1 + x) = x(1 + 2b) - 2x(b - 1)$ $\qquad$ $[a \neq 0, x = -1; a = 0, \text{indet.}]$

374 $2[3 + (b + 3)x] + 2bx = 3 - 3(2x - 1)$ $\qquad$ $[b \neq -3, x = 0; b = -3, \text{indet.}]$

375 $x^2(3b + x) - (b + x)^3 + b^2(4 + b - x) = 0$ $\qquad$ $[b \neq 0, x = 1; b = 0, \text{indet.}]$

376 $2 + 2x = 3ax + a - a^2x$ $\qquad$ $\left[a \neq 2 \wedge a \neq 1, x = \dfrac{1}{a-1}; a = 2, \text{indet.}; a = 1, \text{imp.} \right]$

377 $a^3x - a^2 - 4ax + 4 = 0$ $\qquad$ $\left[a \neq 0 \wedge a \neq \pm 2, x = \dfrac{1}{a}; a = 0, \text{imp.}; a = \pm 2, \text{indet.} \right]$