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X Math@MUT XXXM5/2-6800401-00004XX
Function01 for No.10491

$$\begin{aligned}
No01 &= \begin{bmatrix} .1 = \{ (4, p), (6, e), (1, b), (9, t), (2, b) \} \\ .2 = \{ (e, 2), (r, 5), (d, 6), (t, 2), (e, 10) \} \\ .3 = (x = 3y^2 - 4) \\ .4 = (y = 3x^2 - 4) \end{bmatrix}, & No02 &= \begin{bmatrix} D_f = \{-2, -1, 0, 1, 2, 4\} \\ .1 = (f(x) = \sqrt{x+15}) \\ .2 = (f(x) = 3x^2 - 5) \end{bmatrix} \\
No03 &= \begin{bmatrix} f(x) = \begin{bmatrix} 2+x & ; & x \leq -4 \\ -2x+3 & ; & -4 < x < 2 \\ -1 & ; & x > 2 \end{bmatrix} \\ [\alpha = -7, \beta = -4, \gamma = 0, \delta = 2, \varepsilon = \sqrt{26}, a = 2+h, b = 2] \end{bmatrix}, & No04 &= \begin{bmatrix} .1 = (y^2 = x-1) \\ .2 = (x-3y = 1) \end{bmatrix} \\
No05 &= \begin{bmatrix} .1 = -x^2 + 3 \\ .2 = -\sqrt{x} \\ .3 = \sqrt{-2+x} \\ .4 = \frac{1}{2x+2} \end{bmatrix}, & No06 &= \begin{bmatrix} f(x) = x^2 - 11 \\ D_f = \{x \mid -6 < x < 3\} \end{bmatrix}
\end{aligned}$$

[illegible]

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X Math@MUT XXXM5/2-6800401-00014XX
Function01 for No.11549

$$\begin{aligned}
No01 &= \begin{bmatrix} .1 = \{ (9, b), (4, s), (3, p), (2, t), (3, b) \} \\ .2 = \{ (9, d), (2, s), (6, b), (8, r), (4, b) \} \\ .3 = (x = 2y^2 + 5) \\ .4 = (y = 2x^2 + 5) \end{bmatrix}, & No02 &= \begin{bmatrix} D_f = \{-5, -3, -1, 0, 1, 3\} \\ .1 = (f(x) = 4x^2 - 5) \\ .2 = (f(x) = \sqrt{x + 14}) \end{bmatrix} \\
No03 &= \begin{bmatrix} f(x) = \begin{bmatrix} 2x - 5 & ; & x < -2 \\ 3 - x & ; & -2 \leq x \leq 4 \\ -1 & ; & x > 4 \end{bmatrix} \\ [\alpha = -3, \beta = -2, \gamma = -1, \delta = 4, \varepsilon = 2\sqrt{6}, a = 4 + h, b = 4] \end{bmatrix}, & No04 &= \begin{bmatrix} .1 = (x = 3y + 1) \\ .2 = (y^2 = -3 + x) \end{bmatrix} \\
No05 &= \begin{bmatrix} .1 = -\sqrt{-x} \\ .2 = \sqrt{x + 1} \\ .3 = -3x^2 + 2 \\ .4 = \frac{1}{2x + 2} \end{bmatrix}, & No06 &= \begin{bmatrix} f(x) = 10 - x^2 \\ D_f = \{x \mid -4 < x < 6\} \end{bmatrix}
\end{aligned}$$

[illegible]

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X Math@MUT XXXM5/2-6800401-00020XX
Function01 for No.12682

$$\begin{aligned}
No01 &= \begin{bmatrix} .1 = \{ (3, a), (10, e), (5, a), (1, r), (7, c) \} \\ .2 = \{ (8, e), (1, t), (8, p), (4, e), (2, a) \} \\ .3 = (x = 5y^2 + 2) \\ .4 = (y = 5x^2 + 2) \end{bmatrix}, & No02 &= \begin{bmatrix} D_f = \{-5, -4, -3, 0, 3, 5\} \\ .1 = (f(x) = 5x^2 + 2) \\ .2 = (f(x) = \sqrt{x + 14}) \end{bmatrix} \\
No03 &= \begin{bmatrix} f(x) = \begin{bmatrix} 3 & ; & x < -3 \\ -2x - 3 & ; & -3 \leq x \leq 4 \\ x - 4 & ; & x > 4 \end{bmatrix} \\ [\alpha = -\sqrt{26}, \beta = -3, \gamma = -1, \delta = 4, \varepsilon = 5, a = 4 + h, b = 4] \end{bmatrix}, & No04 &= \begin{bmatrix} .1 = (3x - 2y = 3) \\ .2 = (y^2 - x - 3 = 0) \end{bmatrix} \\
No05 &= \begin{bmatrix} .1 = \sqrt{-2 + x} \\ .2 = \frac{1}{3x + 3} \\ .3 = -3x^2 + 1 \\ .4 = -\sqrt{-x} \end{bmatrix}, & No06 &= \begin{bmatrix} f(x) = x^2 - 9 \\ D_f = \{x \mid -8 < x < 9\} \end{bmatrix}
\end{aligned}$$

[illegible]

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X Math@MUT XXXM5/2-6800401-00025XX
Function01 for No.13734

$$No01 = \begin{bmatrix} .1 = \{ (5, d), (2, d), (1, s), (8, t), (6, c) \} \\ .2 = \{ (1, r), (10, a), (10, b), (6, b), (4, t) \} \\ .3 = (y = 5x^2 - 4) \\ .4 = (x = 5y^2 - 4) \end{bmatrix}, \quad No02 = \begin{bmatrix} D_f = \{-5, -4, -1, 0, 1, 5\} \\ .1 = (f(x) = 2x^2 + 3) \\ .2 = (f(x) = \sqrt{x + 11}) \end{bmatrix}$$

$$No03 = \left[\begin{array}{c} f(x) = \begin{bmatrix} -4 & ; & x \leq -3 \\ x-1 & ; & -3 < x < 4 \\ -2x+3 & ; & x > 4 \end{bmatrix} \\ [\alpha = -\sqrt{21}, \beta = -3, \gamma = 0, \delta = 4, \varepsilon = 5, a = 4 + h, b = 4] \end{array} \right], \quad , No04 = \left[\begin{array}{c} .1 = (y = 2x + 3) \\ .2 = (y^2 = -2 + x) \end{array} \right]$$

$$No05 = \begin{bmatrix} .1 = -\sqrt{-3+x} \\ .2 = \frac{1}{2x+2} \\ .3 = \sqrt{-x} \\ .4 = -2x^2 + 1 \end{bmatrix}, \quad , No06 = \begin{bmatrix} f(x) = 8 - x^2 \\ D_f = \{x \mid -7 < x < 8\} \end{bmatrix}$$

[illegible]

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X Math@MUT XXXM5/2-6800401-00026XX
Function01 for No.13962

$$\begin{aligned}
No01 &= \begin{bmatrix} .1 = \{ (c, 2), (e, 7), (s, 5), (d, 5), (d, 1) \} \\ .2 = \{ (4, p), (7, c), (9, c), (1, a), (10, r) \} \\ .3 = (x = 5y^2 - 4) \\ .4 = (y = 5x^2 - 4) \end{bmatrix}, & No02 &= \begin{bmatrix} D_f = \{-4, -3, 0, 3, 4, 5\} \\ .1 = (f(x) = 5x^2 - 2) \\ .2 = (f(x) = \sqrt{x + 15}) \end{bmatrix} \\
No03 &= \begin{bmatrix} f(x) = \begin{bmatrix} x + 1 & ; & x < -2 \\ -2x + 3 & ; & -2 < x < 3 \\ -3 & ; & x > 3 \end{bmatrix} \\ [\alpha = -5, \beta = -2, \gamma = -1, \delta = 3, \varepsilon = \sqrt{26}, a = 3 + h, b = 3] \end{bmatrix}, & No04 &= \begin{bmatrix} .1 = (x^2 = -y + 2) \\ .2 = (y = 2 + x) \end{bmatrix} \\
No05 &= \begin{bmatrix} .1 = -x^2 + 3 \\ .2 = \sqrt{-2 + x} \\ .3 = \frac{1}{2x + 4} \\ .4 = -\sqrt{-x} \end{bmatrix}, & No06 &= \begin{bmatrix} f(x) = -x^2 + 11 \\ D_f = \{x \mid -3 < x < 8\} \end{bmatrix}
\end{aligned}$$

[illegible]

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X Math@MUT XXXM5/2-6800401-00031XX
Function01 for No.14674

$$\begin{aligned}
No01 &= \begin{bmatrix} .1 = \{ (8, p), (1, e), (6, s), (2, d), (9, e) \} \\ .2 = \{ (b, 10), (a, 4), (s, 8), (d, 3), (s, 3) \} \\ .3 = (y = 5x^2 + 2) \\ .4 = (x = 5y^2 + 2) \end{bmatrix}, & No02 &= \begin{bmatrix} D_f = \{-5, -2, 0, 2, 4, 5\} \\ .1 = (f(x) = \sqrt{x+15}) \\ .2 = (f(x) = 2x^2 + 5) \end{bmatrix} \\
No03 &= \begin{bmatrix} f(x) = \begin{bmatrix} 2x-1 & ; & x < -2 \\ -x-5 & ; & -2 < x < 2 \\ -7 & ; & x > 2 \end{bmatrix} \\ [\alpha = -4, \beta = -2, \gamma = -1, \delta = 2, \varepsilon = \sqrt{23}, a = 2 + h, b = 2] \end{bmatrix}, & No04 &= \begin{bmatrix} .1 = (y = -2x + 3) \\ .2 = (x^2 + y + 1 = 0) \end{bmatrix} \\
No05 &= \begin{bmatrix} .1 = \frac{1}{4x+12} \\ .2 = -\sqrt{x-1} \\ .3 = \sqrt{-x} \\ .4 = 3x^2 - 2 \end{bmatrix}, & No06 &= \begin{bmatrix} f(x) = -7 + x^2 \\ D_f = \{x \mid -8 < x < 9\} \end{bmatrix}
\end{aligned}$$

[illegible]

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