Function01 Answers for No.9790

$$Ans1 = \begin{bmatrix} .1 = \text{"a Function"} \\ .2 = \text{"NOT a Function"} \\ .3 = \text{"a Function"} \\ .4 = \text{"NOT a Function"} \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \{ (-5, 45), (-4, 27), (-2, 3), (0, -5), (2, 3), (5, 45) \} \\ .2 = \{ (-5, 6\text{^}(1/2)), (-4, 7\text{^}(1/2)), (-2, 3), (0, 11\text{^}(1/2)), (2, 13\text{^}(1/2)), (5, 4) \} \end{bmatrix}$$

$$Ans3 = \begin{bmatrix} .1 = 14 \\ .2 = -5 \\ .3 = -2 \\ .4 = undefined \\ .5 = 1 \\ .6 = undefined \end{bmatrix}, \quad , \quad Ans4 = \begin{bmatrix} .1 = \text{"a Function"} \\ .2 = \text{"a Function"} \end{bmatrix}, \quad , \quad Ans5 = \begin{bmatrix} .1 = \begin{bmatrix} D_f = \text{Set of all Real number} \\ R_f = \{ y \mid y >= -2 \} \end{bmatrix} \\ .2 = \begin{bmatrix} D_f = \{ x \mid x >= 0 \} \\ R_f = \{ x \mid x >= 0 \} \end{bmatrix} \\ .3 = \begin{bmatrix} D_f = \{ x \mid x =/= -2 \} \\ R_f = \{ y \mid y =/= 0 \} \end{bmatrix} \\ .4 = \begin{bmatrix} D_f = \{ x \mid x >= -3 \} \\ R_f = \{ y \mid y <= 0 \} \end{bmatrix} \end{bmatrix}$$

$$Ans6 = (R_f = \{ y \mid -73 < y <= 8 \})$$

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Function01 Answers for No.9888

$$Ans1 = \begin{bmatrix} .1 = \text{"a Function"} \\ .2 = \text{"NOT a Function"} \\ .3 = \text{"NOT a Function"} \\ .4 = \text{"a Function"} \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \{ (-4, 61), (-1, 1), (0, -3), (1, 1), (2, 13), (4, 61) \} \\ .2 = \{ (-4, 2*2\text{^}(1/2)), (-1, 11\text{^}(1/2)), (0, 2*3\text{^}(1/2)), (1, 13\text{^}(1/2)), (2, 14\text{^}(1/2)), (4, 4) \} \end{bmatrix}$$

$$Ans3 = \begin{bmatrix} .1 = 13 \\ .2 = 11 \\ .3 = 5 \\ .4 = 7 \\ .5 = 7 \\ .6 = 0 \end{bmatrix}, \quad , \quad Ans4 = \begin{bmatrix} .1 = \text{"a Function"} \\ .2 = \text{"NOT a Function"} \end{bmatrix}, \quad , \quad Ans5 = \begin{bmatrix} .1 = \begin{bmatrix} D_f = \{ x \mid x =/= 2 \} \\ R_f = \{ y \mid y =/= 0 \} \end{bmatrix} \\ .2 = \begin{bmatrix} D_f = \{ x \mid x >= 2 \} \\ R_f = \{ y \mid y <= 0 \} \end{bmatrix} \\ .3 = \begin{bmatrix} D_f = \{ x \mid x >= 0 \} \\ R_f = \{ x \mid x >= 0 \} \end{bmatrix} \\ .4 = \begin{bmatrix} D_f = Set\ of\ all\ Real\ number \\ R_f = \{ y \mid y >= 1 \} \end{bmatrix} \end{bmatrix}$$

$$Ans6 = (R_f = \{ y \mid -54 < y <= 10 \})$$

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Function01 Answers for No.9926

$$Ans1 = \begin{bmatrix} .1 = \text{"NOT a Function"} \\ .2 = \text{"a Function"} \\ .3 = \text{"a Function"} \\ .4 = \text{"NOT a Function"} \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \{ (-5, 103), (-3, 39), (-1, 7), (0, 3), (1, 7), (3, 39) \} \\ .2 = \{ (-5, 6\text{^}(1/2)), (-3, 2*2\text{^}(1/2)), (-1, 10\text{^}(1/2)), (0, 11\text{^}(1/2)), (1, 2*3\text{^}(1/2)), (3, 14\text{^}(1/2)) \} \end{bmatrix}$$

$$Ans3 = \begin{bmatrix} .1 = 7 \\ .2 = undefined \\ .3 = -1 \\ .4 = 3 \\ .5 = 3 \\ .6 = 0 \end{bmatrix}, \quad , \quad Ans4 = \begin{bmatrix} .1 = \text{"a Function"} \\ .2 = \text{"a Function"} \end{bmatrix}, \quad , \quad Ans5 = \begin{bmatrix} .1 = \begin{bmatrix} D_f = \text{Set of all Real number} \\ R_f = \{ y \mid y <= -1 \} \end{bmatrix} \\ .2 = \begin{bmatrix} D_f = \{ x \mid x =/= 3 \} \\ R_f = \{ y \mid y =/= 0 \} \end{bmatrix} \\ .3 = \begin{bmatrix} D_f = \{ x \mid x >= 2 \} \\ R_f = \{ y \mid y >= 0 \} \end{bmatrix} \\ .4 = \begin{bmatrix} D_f = \{ x \mid x >= 0 \} \\ R_f = \{ y \mid y <= 0 \} \end{bmatrix} \end{bmatrix}$$

$$Ans6 = (R_f = \{ y \mid -8 <= y < 73 \})$$

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Function01 Answers for No.10106

$$Ans1 = \begin{bmatrix} .1 = \text{"NOT a Function"} \\ .2 = \text{"a Function"} \\ .3 = \text{"a Function"} \\ .4 = \text{"NOT a Function"} \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \{ (-5, 10\text{^}(1/2)), (-3, 2*3\text{^}(1/2)), (0, 15\text{^}(1/2)), (1, 4), (3, 3*2\text{^}(1/2)), (5, 2*5\text{^}(1/2)) \} \\ .2 = \{ (-5, 95), (-3, 31), (0, -5), (1, -1), (3, 31), (5, 95) \} \end{bmatrix}$$

$$Ans3 = \begin{bmatrix} .1 = 10 \\ .2 = undefined \\ .3 = -1 \\ .4 = undefined \\ .5 = 2 \\ .6 = undefined \end{bmatrix}, \quad , \quad Ans4 = \begin{bmatrix} .1 = \text{"a Function"} \\ .2 = \text{"a Function"} \end{bmatrix}, \quad , \quad Ans5 = \begin{bmatrix} .1 = \begin{bmatrix} D_f = \{ x \mid x >= 0 \} \\ R_f = \{ y \mid y <= 0 \} \end{bmatrix} \\ .2 = \begin{bmatrix} D_f = \{ x \mid x >= -2 \} \\ R_f = \{ y \mid y >= 0 \} \end{bmatrix} \\ .3 = \begin{bmatrix} D_f = Set\ of\ all\ Real\ number \\ R_f = \{ y \mid y >= 1 \} \end{bmatrix} \\ .4 = \begin{bmatrix} D_f = \{ x \mid x =/= -2 \} \\ R_f = \{ y \mid y =/= 0 \} \end{bmatrix} \end{bmatrix}$$

$$Ans6 = (R_f = \{ y \mid -9 <= y < 72 \})$$

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Function01 Answers for No.10139

$$Ans1 = \begin{bmatrix} .1 = \text{"a Function"} \\ .2 = \text{"NOT a Function"} \\ .3 = \text{"a Function"} \\ .4 = \text{"NOT a Function"} \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \{ (-4, 91), (-3, 49), (0, -5), (3, 49), (4, 91), (5, 145) \} \\ .2 = \{ (-4, 3), (-3, 10\text{^}(1/2)), (0, 13\text{^}(1/2)), (3, 4), (4, 17\text{^}(1/2)), (5, 3*2\text{^}(1/2)) \} \end{bmatrix}$$

$$Ans3 = \begin{bmatrix} .1 = 9 \\ .2 = 6 \\ .3 = -3 \\ .4 = 1 \\ .5 = 1 \\ .6 = 0 \end{bmatrix}, \quad , \quad Ans4 = \begin{bmatrix} .1 = \text{"a Function"} \\ .2 = \text{"a Function"} \end{bmatrix}, \quad , \quad Ans5 = \begin{bmatrix} .1 = \begin{bmatrix} D_f = \{ x \mid x >= 0 \} \\ R_f = \{ x \mid x >= 0 \} \end{bmatrix} \\ .2 = \begin{bmatrix} D_f = \{ x \mid x >= 1 \} \\ R_f = \{ y \mid y <= 0 \} \end{bmatrix} \\ .3 = \begin{bmatrix} D_f = \{ x \mid x =/= -3 \} \\ R_f = \{ y \mid y =/= 0 \} \end{bmatrix} \\ .4 = \begin{bmatrix} D_f = \text{Set of all Real number} \\ R_f = \{ y \mid y >= 1 \} \end{bmatrix} \end{bmatrix}$$

$$Ans6 = (R_f = \{ y \mid -36 < y <= 13 \})$$

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Function01 Answers for No.10356

$$Ans1 = \begin{bmatrix} .1 = \text{"NOT a Function"} \\ .2 = \text{"a Function"} \\ .3 = \text{"a Function"} \\ .4 = \text{"NOT a Function"} \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \{ (-4 , 2*2\text{^}(1/2)) , (-1 , 11\text{^}(1/2)) , (0 , 2*3\text{^}(1/2)) , (1 , 13\text{^}(1/2)) , (2 , 14\text{^}(1/2)) , (4 , 4) \} \\ .2 = \{ (-4 , 82) , (-1 , 7) , (0 , 2) , (1 , 7) , (2 , 22) , (4 , 82) \} \end{bmatrix}$$

$$Ans3 = \begin{bmatrix} .1 = 3 \\ .2 = -8 \\ .3 = -2 \\ .4 = 0 \\ .5 = 0 \\ .6 = 0 \end{bmatrix}, \quad , \quad Ans4 = \begin{bmatrix} .1 = \text{"a Function"} \\ .2 = \text{"a Function"} \end{bmatrix}, \quad , \quad Ans5 = \begin{bmatrix} .1 = \begin{bmatrix} D_f = \{ x \mid x >= 1 \} \\ R_f = \{ y \mid y >= 0 \} \end{bmatrix} \\ .2 = \begin{bmatrix} D_f = \{ x \mid x =/= 1 \} \\ R_f = \{ y \mid y =/= 0 \} \end{bmatrix} \\ .3 = \begin{bmatrix} D_f = \text{Set of all Real number} \\ R_f = \{ y \mid y <= 1 \} \end{bmatrix} \\ .4 = \begin{bmatrix} D_f = \{ x \mid x >= 0 \} \\ R_f = \{ y \mid y <= 0 \} \end{bmatrix} \end{bmatrix}$$

$$Ans6 = (R_f = \{ y \mid -8 <= y < 8 \})$$

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Function01 Answers for No.10366

$$Ans1 = \begin{bmatrix} .1 = \text{"a Function"} \\ .2 = \text{"NOT a Function"} \\ .3 = \text{"a Function"} \\ .4 = \text{"NOT a Function"} \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \{ (-3, 33), (-1, 1), (0, -3), (1, 1), (3, 33), (5, 97) \} \\ .2 = \{ (-3, 11\text{^}(1/2)), (-1, 13\text{^}(1/2)), (0, 14\text{^}(1/2)), (1, 15\text{^}(1/2)), (3, 17\text{^}(1/2)), (5, 19\text{^}(1/2)) \} \end{bmatrix}$$

$$Ans3 = \begin{bmatrix} .1 = 3 \\ .2 = undefined \\ .3 = 1 \\ .4 = undefined \\ .5 = 6 \\ .6 = undefined \end{bmatrix}, \quad , \; Ans4 = \begin{bmatrix} .1 = \text{"NOT a Function"} \\ .2 = \text{"a Function"} \end{bmatrix}, \quad , \; Ans5 = \begin{bmatrix} .1 = \begin{bmatrix} D_f = \{ x \mid x <= 0 \} \\ R_f = \{ y \mid y <= 0 \} \end{bmatrix} \\ .2 = \begin{bmatrix} D_f = Set\ of\ all\ Real\ number \\ R_f = \{ y \mid y <= -1 \} \end{bmatrix} \\ .3 = \begin{bmatrix} D_f = \{ x \mid x =/= -2 \} \\ R_f = \{ y \mid y =/= 0 \} \end{bmatrix} \\ .4 = \begin{bmatrix} D_f = \{ x \mid x >= 2 \} \\ R_f = \{ y \mid y >= 0 \} \end{bmatrix} \end{bmatrix}$$

$$Ans6 = (R_f = \{ y \mid -42 < y <= 7 \})$$

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Function01 Answers for No.10706

$$Ans1 = \begin{bmatrix} .1 = \text{"a Function"} \\ .2 = \text{"NOT a Function"} \\ .3 = \text{"NOT a Function"} \\ .4 = \text{"a Function"} \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \{ (-4, 53), (-1, 8), (0, 5), (1, 8), (3, 32), (4, 53) \} \\ .2 = \{ (-4, 11\text{^}(1/2)), (-1, 14\text{^}(1/2)), (0, 15\text{^}(1/2)), (1, 4), (3, 3*2\text{^}(1/2)), (4, 19\text{^}(1/2)) \} \end{bmatrix}$$

$$Ans3 = \begin{bmatrix} .1 = 4 \\ .2 = undefined \\ .3 = 3 \\ .4 = 3 \\ .5 = 6 \\ .6 = 1 + 2\,h \end{bmatrix}, \quad , \quad Ans4 = \begin{bmatrix} .1 = \text{"a Function"} \\ .2 = \text{"NOT a Function"} \end{bmatrix}, \quad , \quad Ans5 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{D}_f = Set\ of\ all\ Real\ number \\ R_f = \{ y \mid y >= -2 \} \end{bmatrix} \\ .2 = \begin{bmatrix} \mathrm{D}_f = \{ x \mid x <= 0 \} \\ R_f = \{ y \mid y <= 0 \} \end{bmatrix} \\ .3 = \begin{bmatrix} \mathrm{D}_f = \{ x \mid x >= -1 \} \\ R_f = \{ y \mid y >= 0 \} \end{bmatrix} \\ .4 = \begin{bmatrix} \mathrm{D}_f = \{ x \mid x =/= 3 \} \\ R_f = \{ y \mid y =/= 0 \} \end{bmatrix} \end{bmatrix}$$

$$Ans6 = (R_f = \{ y \mid -3 < y <= 13 \})$$

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Function01 Answers for No.10899

$$Ans1 = \begin{bmatrix} .1 = \text{"a Function"} \\ .2 = \text{"NOT a Function"} \\ .3 = \text{"a Function"} \\ .4 = \text{"NOT a Function"} \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \{ (-3, 23), (-2, 8), (0, -4), (1, -1), (2, 8), (3, 23) \} \\ .2 = \{ (-3, 10\text{^}(1/2)), (-2, 11\text{^}(1/2)), (0, 13\text{^}(1/2)), (1, 14\text{^}(1/2)), (2, 15\text{^}(1/2)), (3, 4) \} \end{bmatrix}$$

$$Ans3 = \begin{bmatrix} .1 = 2 \\ .2 = undefined \\ .3 = 3 \\ .4 = -4 \\ .5 = -10 \\ .6 = -2\,h \end{bmatrix}, \quad , \; Ans4 = \begin{bmatrix} .1 = \text{"a Function"} \\ .2 = \text{"a Function"} \end{bmatrix}, \quad , \; Ans5 = \begin{bmatrix} .1 = \begin{bmatrix} D_f = \{ x \mid x >= 2 \} \\ R_f = \{ y \mid y >= 0 \} \end{bmatrix} \\ .2 = \begin{bmatrix} D_f = Set\ of\ all\ Real\ number \\ R_f = \{ y \mid y >= -2 \} \end{bmatrix} \\ .3 = \begin{bmatrix} D_f = \{ x \mid x =/= 2 \} \\ R_f = \{ y \mid y =/= 0 \} \end{bmatrix} \\ .4 = \begin{bmatrix} D_f = \{ x \mid x <= 0 \} \\ R_f = \{ y \mid y <= 0 \} \end{bmatrix} \end{bmatrix}$$

$$Ans6 = (R_f = \{ y \mid -7 <= y < 74 \})$$

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Function01 Answers for No.10907

$$Ans1 = \begin{bmatrix} .1 = \text{"NOT a Function"} \\ .2 = \text{"a Function"} \\ .3 = \text{"NOT a Function"} \\ .4 = \text{"a Function"} \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \{ (-4, 101), (-1, 11), (0, 5), (1, 11), (3, 59), (4, 101) \} \\ .2 = \{ (-4, 10\text{^}(1/2)), (-1, 13\text{^}(1/2)), (0, 14\text{^}(1/2)), (1, 15\text{^}(1/2)), (3, 17\text{^}(1/2)), (4, 3*2\text{^}(1/2)) \} \end{bmatrix}$$

$$Ans3 = \begin{bmatrix} .1 = 9 \\ .2 = undefined \\ .3 = -4 \\ .4 = 4 \\ .5 = 4 \\ .6 = 0 \end{bmatrix}, \quad , \quad Ans4 = \begin{bmatrix} .1 = \text{"a Function"} \\ .2 = \text{"a Function"} \end{bmatrix}, \quad , \quad Ans5 = \begin{bmatrix} .1 = \begin{bmatrix} D_f = \{ x \mid x =/= 2 \} \\ R_f = \{ y \mid y =/= 0 \} \end{bmatrix} \\ .2 = \begin{bmatrix} D_f = \{ x \mid x <= 0 \} \\ R_f = \{ y \mid y <= 0 \} \end{bmatrix} \\ .3 = \begin{bmatrix} D_f = Set\ of\ all\ Real\ number \\ R_f = \{ y \mid y <= -3 \} \end{bmatrix} \\ .4 = \begin{bmatrix} D_f = \{ x \mid x >= 2 \} \\ R_f = \{ y \mid y >= 0 \} \end{bmatrix} \end{bmatrix}$$

$$Ans6 = (R_f = \{ y \mid -8 <= y < 28 \})$$

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