Function01 Answers for No.9182

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

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

$$Ans3 = \begin{bmatrix} .1 = 8 \\ .2 = undefined \\ .3 = 1 \\ .4 = 1 \\ .5 = 3 \\ .6 = h \end{bmatrix}, \quad , \; Ans4 = \begin{bmatrix} .1 = \text{"a Function"} \\ .2 = \text{"NOT a Function"} \end{bmatrix}, \quad , \; Ans5 = \begin{bmatrix} .1 = \begin{bmatrix} D_f = \{ x \mid x <= 0 \} \\ R_f = \{ y \mid y <= 0 \} \end{bmatrix} \\ .2 = \begin{bmatrix} D_f = \text{Set of all Real number} \\ R_f = \{ y \mid y <= 1 \} \end{bmatrix} \\ .3 = \begin{bmatrix} D_f = \{ x \mid x >= 1 \} \\ R_f = \{ y \mid y >= 0 \} \end{bmatrix} \\ .4 = \begin{bmatrix} D_f = \{ x \mid x =/= -1 \} \\ R_f = \{ y \mid y =/= 0 \} \end{bmatrix} \end{bmatrix}$$

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

Function01 Answers for No.9225

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

$$Ans2 = \begin{bmatrix} .1 = \{ (-4 , 2*2\text{^}(1/2)) , (-2 , 10\text{^}(1/2)) , (0 , 2*3\text{^}(1/2)) , (2 , 14\text{^}(1/2)) , (3 , 15\text{^}(1/2)) , (4 , 4) \} \\ .2 = \{ (-4 , 82) , (-2 , 22) , (0 , 2) , (2 , 22) , (3 , 47) , (4 , 82) \} \end{bmatrix}$$

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

$$Ans6 = (R_f = \{ y \mid -16 < y <= 9 \})$$

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Function01 Answers for No.9243

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

$$Ans2 = \begin{bmatrix} .1 = \{ (-5, 2*2\hat{}(1/2)), (-4, 3), (-1, 2*3\hat{}(1/2)), (0, 13\hat{}(1/2)), (1, 14\hat{}(1/2)), (5, 3*2\hat{}(1/2)) \} \\ .2 = \{ (-5, 121), (-4, 76), (-1, 1), (0, -4), (1, 1), (5, 121) \} \end{bmatrix}$$

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

$$Ans6 = (R_f = \{ y \mid -39 < y <= 10 \})$$

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Function01 Answers for No.9280

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

$$Ans2 = \begin{bmatrix} .1 = \{ (-4 , 7\text{^}(1/2)) , (-3 , 2*2\text{^}(1/2)) , (0 , 11\text{^}(1/2)) , (3 , 14\text{^}(1/2)) , (4 , 15\text{^}(1/2)) , (5 , 4) \} \\ .2 = \{ (-4 , 77) , (-3 , 42) , (0 , -3) , (3 , 42) , (4 , 77) , (5 , 122) \} \end{bmatrix}$$

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

$$Ans6 = (R_f = \{ y \mid -12 <= y < 24 \})$$

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Function01 Answers for No.9298

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

$$Ans2 = \begin{bmatrix} .1 = \{ (-4 , 10\text{^}(1/2)) , (-3 , 11\text{^}(1/2)) , (0 , 14\text{^}(1/2)) , (2 , 4) , (3 , 17\text{^}(1/2)) , (4 , 3*2\text{^}(1/2)) \} \\ .2 = \{ (-4 , 74) , (-3 , 39) , (0 , -6) , (2 , 14) , (3 , 39) , (4 , 74) \} \end{bmatrix}$$

$$Ans3 = \begin{bmatrix} .1 = 8 \\ .2 = undefined \\ .3 = 4 \\ .4 = undefined \\ .5 = 6 \\ .6 = undefined \end{bmatrix}, \quad , \; Ans4 = \begin{bmatrix} .1 = \text{"NOT a Function"} \\ .2 = \text{"a Function"} \end{bmatrix}, \quad , \; Ans5 = \begin{bmatrix} .1 = \begin{bmatrix} D_f = \{ x \mid x <= 0 \} \\ R_f = \{ x \mid x >= 0 \} \end{bmatrix} \\ .2 = \begin{bmatrix} D_f = \{ x \mid x =/= 1 \} \\ R_f = \{ y \mid y =/= 0 \} \end{bmatrix} \\ .3 = \begin{bmatrix} D_f = Set\ of\ all\ Real\ number \\ R_f = \{ y \mid y >= 1 \} \end{bmatrix} \\ .4 = \begin{bmatrix} D_f = \{ x \mid x >= 1 \} \\ R_f = \{ y \mid y <= 0 \} \end{bmatrix} \end{bmatrix}$$

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

Function01 Answers for No.9329

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

$$Ans2 = \begin{bmatrix} .1 = \{ (-5 , 53) , (-4 , 35) , (-3 , 21) , (0 , 3) , (3 , 21) , (5 , 53) \} \\ .2 = \{ (-5 , 2*2\text{^}(1/2)) , (-4 , 3) , (-3 , 10\text{^}(1/2)) , (0 , 13\text{^}(1/2)) , (3 , 4) , (5 , 3*2\text{^}(1/2)) \} \end{bmatrix}$$

$$Ans3 = \begin{bmatrix} .1 = -11 \\ .2 = -11 \\ .3 = -5 \\ .4 = 5 \\ .5 = -10 \\ .6 = -13 - h \end{bmatrix}, \quad , \ Ans4 = \begin{bmatrix} .1 = \text{"a Function"} \\ .2 = \text{"NOT a Function"} \end{bmatrix}, \quad , \ Ans5 = \begin{bmatrix} .1 = \begin{bmatrix} D_f = \{ x \mid x =/= -2 \} \\ R_f = \{ y \mid y =/= 0 \} \end{bmatrix} \\ .2 = \begin{bmatrix} D_f = \{ x \mid x >= 0 \} \\ R_f = \{ x \mid x >= 0 \} \end{bmatrix} \\ .3 = \begin{bmatrix} D_f = \{ x \mid x >= 2 \} \\ R_f = \{ y \mid y <= 0 \} \end{bmatrix} \\ .4 = \begin{bmatrix} D_f = \text{Set of all Real number} \\ R_f = \{ y \mid y <= 2 \} \end{bmatrix} \end{bmatrix}$$

$$Ans6 = (R_f = \{ y \mid -69 < y <= 12 \})$$

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Function01 Answers for No.9358

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

$$Ans2 = \begin{bmatrix} .1 = \{ (-5 , 10\hat{}(1/2)) , (-2 , 13\hat{}(1/2)) , (-1 , 14\hat{}(1/2)) , (0 , 15\hat{}(1/2)) , (1 , 4) , (5 , 2*5\hat{}(1/2)) \} \\ .2 = \{ (-5 , 70) , (-2 , 7) , (-1 , -2) , (0 , -5) , (1 , -2) , (5 , 70) \} \end{bmatrix}$$

$$Ans3 = \begin{bmatrix} .1 = -13 \\ .2 = -9 \\ .3 = -8 \\ .4 = -8 \\ .5 = -10 \\ .6 = -h \end{bmatrix}, \quad , \quad Ans4 = \begin{bmatrix} .1 = \text{"a Function"} \\ .2 = \text{"NOT a Function"} \end{bmatrix}, \quad , \quad Ans5 = \begin{bmatrix} .1 = \begin{bmatrix} D_f = \{ x \mid x =/= -3 \} \\ R_f = \{ y \mid y =/= 0 \} \end{bmatrix} \\ .2 = \begin{bmatrix} D_f = \{ x \mid x >= -1 \} \\ R_f = \{ y \mid y <= 0 \} \end{bmatrix} \\ .3 = \begin{bmatrix} D_f = \{ x \mid x <= 0 \} \\ R_f = \{ x \mid x >= 0 \} \end{bmatrix} \\ .4 = \begin{bmatrix} D_f = \text{Set of all Real number} \\ R_f = \{ y \mid y >= -3 \} \end{bmatrix} \end{bmatrix}$$

$$Ans6 = (R_f = \{ y \mid -12 <= y < 69 \})$$

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Function01 Answers for No.9362

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

$$Ans2 = \begin{bmatrix} .1 = \{ (-2 , 3) , (-1 , 10\text{^}(1/2)) , (0 , 11\text{^}(1/2)) , (1 , 2*3\text{^}(1/2)) , (2 , 13\text{^}(1/2)) , (3 , 14\text{^}(1/2)) \} \\ .2 = \{ (-2 , 10) , (-1 , 1) , (0 , -2) , (1 , 1) , (2 , 10) , (3 , 25) \} \end{bmatrix}$$

$$Ans3 = \begin{bmatrix} .1 = 11 \\ .2 = 5 \\ .3 = 5 \\ .4 = undefined \\ .5 = 6 \\ .6 = undefined \end{bmatrix}, \quad , \quad Ans4 = \begin{bmatrix} .1 = \text{"a Function"} \\ .2 = \text{"a Function"} \end{bmatrix}, \quad , \quad Ans5 = \begin{bmatrix} .1 = \begin{bmatrix} D_f = \text{Set of all Real number} \\ R_f = \{ y \mid y >= -3 \} \end{bmatrix} \\ .2 = \begin{bmatrix} D_f = \{ x \mid x <= 0 \} \\ R_f = \{ y \mid y <= 0 \} \end{bmatrix} \\ .3 = \begin{bmatrix} D_f = \{ x \mid x >= 2 \} \\ R_f = \{ y \mid y >= 0 \} \end{bmatrix} \\ .4 = \begin{bmatrix} D_f = \{ x \mid x =/= 3 \} \\ R_f = \{ y \mid y =/= 0 \} \end{bmatrix} \end{bmatrix}$$

$$Ans6 = (R_f = \{ y \mid -7 <= y < 29 \})$$

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Function01 Answers for No.9408

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

$$Ans2 = \begin{bmatrix} .1 = \{ (-5, 79), (-3, 31), (-2, 16), (0, 4), (2, 16), (3, 31) \} \\ .2 = \{ (-5, 2*2\text{^}(1/2)), (-3, 10\text{^}(1/2)), (-2, 11\text{^}(1/2)), (0, 13\text{^}(1/2)), (2, 15\text{^}(1/2)), (3, 4) \} \end{bmatrix}$$

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

$$Ans6 = (R_f = \{ y \mid -11 <= y < 70 \})$$

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Function01 Answers for No.9450

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

$$Ans2 = \begin{bmatrix} .1 = \{ (-4, 2*2\hat{}(1/2)), (-2, 10\hat{}(1/2)), (0, 2*3\hat{}(1/2)), (1, 13\hat{}(1/2)), (2, 14\hat{}(1/2)), (4, 4) \} \\ .2 = \{ (-4, 35), (-2, 11), (0, 3), (1, 5), (2, 11), (4, 35) \} \end{bmatrix}$$

$$Ans3 = \begin{bmatrix} .1 = 2 \\ .2 = 2 \\ .3 = 4 \\ .4 = -9 \\ .5 = -13 \\ .6 = -2\,h \end{bmatrix}, \quad , \quad Ans4 = \begin{bmatrix} .1 = \text{"a Function"} \\ .2 = \text{"a Function"} \end{bmatrix}, \quad , \quad Ans5 = \begin{bmatrix} .1 = \begin{bmatrix} D_f = \{ x \mid x >= 1 \} \\ R_f = \{ y \mid y <= 0 \} \end{bmatrix} \\ .2 = \begin{bmatrix} D_f = \textit{Set of all Real number} \\ R_f = \{ y \mid y >= -1 \} \end{bmatrix} \\ .3 = \begin{bmatrix} D_f = \{ x \mid x =/= 2 \} \\ R_f = \{ y \mid y =/= 0 \} \end{bmatrix} \\ .4 = \begin{bmatrix} D_f = \{ x \mid x >= 0 \} \\ R_f = \{ x \mid x >= 0 \} \end{bmatrix} \end{bmatrix}$$

$$Ans6 = (R_f = \{ y \mid -12 < y <= 13 \})$$

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