Function03 Answers for No.9004

Ans1 : .1 > black
: .2 > blue
: .3 > green
: .4 > gray
: .5 > yellow
: .6 > red

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-infinity,0)	(-infinity,25)	(-infinity,1)	(-1,infinity)
.4	(-8,0)	(-6,0),(4,0)	(6,0),(8,0)	(-4,0),(-2,0)
.5	(-8,0)	(-1,25)	(7,1)	(-3,-1)
.6	Maximum	Maximum	Maximum	Minimum
.7	max = 0	max = 25	max = 1	min = -1

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (500 - 0.2\,x)\,x] \\ .2 = [1250.00, 312500] \end{bmatrix}, \quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (7000 + 500\,x)\,(120 - x)] \\ .2 = \{17500, 49500\} \\ .3 = [33500, 2244500] \end{bmatrix}, \quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x+3) \end{bmatrix} \\ .3 = 18 \\ .4 = 3 \\ .5 = \begin{bmatrix} AS = 144 \\ AR = 180 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 3\,x] \end{bmatrix}$$

Function03 Answers for No.9033

Ans1 : .1 > black
: .2 > yellow
: .3 > gray
: .4 > red
: .5 > green
: .6 > blue

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-infinity,49)	(-4,infinity)	(-infinity,25)	(0,infinity)
.4	(-8,0),(6,0)	(4,0),(8,0)	(-3,0),(7,0)	(8,0)
.5	(-1,49)	(6,-4)	(2,25)	(8,0)
.6	Maximum	Minimum	Maximum	Minimum
.7	max = 49	min = -4	max = 25	min = 0

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (500 - 0.4\,x)\,x] \\ .2 = [625.00,\ 156250] \end{bmatrix},\quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (4000 + 500\,x)\,(130 - x)] \\ .2 = \{12500,\ 56500\} \\ .3 = [34500,\ 2380500] \end{bmatrix},\quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x+7) \end{bmatrix} \\ .3 = 18 \\ .4 = 11 \\ .5 = \begin{bmatrix} AS = 9 \\ AR = 30 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 7\,x] \end{bmatrix}$$

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Function03 Answers for No.9237

Ans1 : .1 > green
: .2 > gray
: .3 > blue
: .4 > yellow
: .5 > black
: .6 > red

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(0,infinity)	(-4,infinity)	(-infinity,4)	(-9,infinity)
.4	(5,0)	(-5,0),(-1,0)	(4,0),(8,0)	(-3,0),(3,0)
.5	(5,0)	(-3,-4)	(6,4)	(0,-9)
.6	Minimum	Minimum	Maximum	Minimum
.7	min = 0	min = -4	max = 4	min = -9

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (200 - 0.4\,x)\,x] \\ .2 = [250.00, 25000] \end{bmatrix}, \quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (3000 + 500\,x)\,(110 - x)] \\ .2 = \{8500, 49500\} \\ .3 = [29000, 1682000] \end{bmatrix}, \quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x+7) \end{bmatrix} \\ .3 = 30 \\ .4 = 12 \\ .5 = \begin{bmatrix} AS = 36 \\ AR = 78 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 7\,x] \end{bmatrix}$$

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Function03 Answers for No.9286

Ans1 : .1 > green
: .2 > yellow
: .3 > black
: .4 > gray
: .5 > blue
: .6 > red

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-16,infinity)	(0,infinity)	(-infinity,1)	(-9,infinity)
.4	(-9,0),(-1,0)	(-6,0)	(-4,0),(-2,0)	(-1,0),(5,0)
.5	(-5,-16)	(-6,0)	(-3,1)	(2,-9)
.6	Minimum	Minimum	Maximum	Minimum
.7	min = -16	min = 0	max = 1	min = -9

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (600 - 0.6\,x)\,x] \\ .2 = [500.00,\ 150000] \end{bmatrix},\quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (5000 + 500\,x)\,(80 - x)] \\ .2 = \{10500,\ 34500\} \\ .3 = [22500,\ 1012500] \end{bmatrix},\quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x+1) \end{bmatrix} \\ .3 = 72 \\ .4 = 13 \\ .5 = \begin{bmatrix} AS = 64 \\ AR = 72 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = x] \end{bmatrix}$$

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Function03 Answers for No.9604

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Ans1 : .1 > blue
     : .2 > gray
     : .3 > red
     : .4 > black
     : .5 > yellow
     : .6 > green
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Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-25,infinity)	(-infinity,4)	(-infinity,4)	(0,infinity)
.4	(-6,0),(4,0)	(-1,0),(3,0)	(-9,0),(-5,0)	(8,0)
.5	(-1,-25)	(1,4)	(-7,4)	(8,0)
.6	Minimum	Maximum	Maximum	Minimum
.7	min = -25	max = 4	max = 4	min = 0

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (100 - 0.5\,x)\,x] \\ .2 = [100.00,\ 5000] \end{bmatrix},\quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (5000 + 500\,x)\,(80 - x)] \\ .2 = \{11500,\ 33500\} \\ .3 = [22500,\ 1012500] \end{bmatrix},\quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x+4) \end{bmatrix} \\ .3 = 96 \\ .4 = 8 \\ .5 = \begin{bmatrix} AS = 144 \\ AR = 192 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 4\,x] \end{bmatrix}$$

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Function03 Answers for No.9635

Ans1 : .1 > green
: .2 > gray
: .3 > black
: .4 > red
: .5 > yellow
: .6 > blue

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-infinity,0)	(-infinity,1)	(-infinity,16)	(-1,infinity)
.4	(8,0)	(1,0),(3,0)	(-6,0),(2,0)	(-1,0),(1,0)
.5	(8,0)	(2,1)	(-2,16)	(0,-1)
.6	Maximum	Maximum	Maximum	Minimum
.7	max = 0	max = 1	max = 16	min = -1

$$Ans6 = \begin{bmatrix} .1 = [P(x) = (100 - 0.2x)x] \\ .2 = [250.00, 12500] \end{bmatrix}, \quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (3000 + 500x)(120 - x)] \\ .2 = \{9500, 53500\} \\ .3 = [31500, 1984500] \end{bmatrix}, \quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x(x+1) \end{bmatrix} \\ .3 = 12 \\ .4 = 6 \\ .5 = \begin{bmatrix} AS = 49 \\ AR = 56 \end{bmatrix} \\ .6 = [f(x) = x] \end{bmatrix}$$

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Function03 Answers for No.9770

Ans1 : .1 > black
: .2 > green
: .3 > red
: .4 > gray
: .5 > blue
: .6 > yellow

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-9,infinity)	(-infinity,36)	(0,infinity)	(-infinity,36)
.4	(2,0),(8,0)	(-3,0),(9,0)	(2,0)	(-5,0),(7,0)
.5	(5,-9)	(3,36)	(2,0)	(1,36)
.6	Minimum	Maximum	Minimum	Maximum
.7	min = -9	max = 36	min = 0	max = 36

$$Ans6 = \begin{bmatrix} .1 = [P(x) = (300 - 0.5x)x] \\ .2 = [300.00, 45000] \end{bmatrix}, \quad Ans7 = \begin{bmatrix} .1 = [\text{Income}(x) = (5000 + 500x)(90 - x)] \\ .2 = \{13500, 36500\} \\ .3 = [25000, 1250000] \end{bmatrix}, \quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \text{AreaS}(x) = x^2 \\ AreaR = x(x+4) \end{bmatrix} \\ .3 = 32 \\ .4 = 13 \\ .5 = \begin{bmatrix} AS = 121 \\ AR = 165 \end{bmatrix} \\ .6 = [f(x) = 4x] \end{bmatrix}$$

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Function03 Answers for No.9799

Ans1 : .1 > blue
: .2 > black
: .3 > green
: .4 > yellow
: .5 > gray
: .6 > red

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-infinity,0)	(-infinity,49)	(-9,infinity)	(-infinity,9)
.4	(-5,0)	(-6,0),(8,0)	(-8,0),(-2,0)	(-9,0),(-3,0)
.5	(-5,0)	(1,49)	(-5,-9)	(-6,9)
.6	Maximum	Maximum	Minimum	Maximum
.7	max = 0	max = 49	min = -9	max = 9

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (100 - 0.2\,x)\,x] \\ .2 = [250.00,\ 12500] \end{bmatrix},\quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (6000 + 500\,x)\,(120 - x)] \\ .2 = \{11500,\ 54500\} \\ .3 = [33000,\ 2178000] \end{bmatrix},\quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x+4) \end{bmatrix} \\ .3 = 165 \\ .4 = 5 \\ .5 = \begin{bmatrix} AS = 16 \\ AR = 32 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 4\,x] \end{bmatrix}$$

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Function03 Answers for No.9824

Ans1 : .1 > black
: .2 > yellow
: .3 > red
: .4 > green
: .5 > gray
: .6 > blue

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(0,infinity)	(-4,infinity)	(-9,infinity)	(-infinity,16)
.4	(-9,0)	(-3,0),(1,0)	(2,0),(8,0)	(-8,0),(0,0)
.5	(-9,0)	(-1,-4)	(5,-9)	(-4,16)
.6	Minimum	Minimum	Minimum	Maximum
.7	min = 0	min = -4	min = -9	max = 16

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (200 - 0.4\,x)\,x] \\ .2 = [250.00, 25000] \end{bmatrix}, \quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (6000 + 300\,x)\,(130 - x)] \\ .2 = \{11700, 33300\} \\ .3 = [22500, 1687500] \end{bmatrix}, \quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x + 7) \end{bmatrix} \\ .3 = 120 \\ .4 = 12 \\ .5 = \begin{bmatrix} AS = 121 \\ AR = 198 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 7\,x] \end{bmatrix}$$

Function03 Answers for No.9853

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Ans1 : .1 > yellow
     : .2 > black
     : .3 > red
     : .4 > green
     : .5 > gray
     : .6 > blue
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Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-1,infinity)	(-infinity,1)	(0,infinity)	(-25,infinity)
.4	(5,0),(7,0)	(-2,0),(0,0)	(4,0)	(-4,0),(6,0)
.5	(6,-1)	(-1,1)	(4,0)	(1,-25)
.6	Minimum	Maximum	Minimum	Minimum
.7	min = -1	max = 1	min = 0	min = -25

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (200 - 0.7\,x)\,x] \\ .2 = [142.86,\ 14286] \end{bmatrix},\quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (4000 + 200\,x)\,(80 - x)] \\ .2 = \{8000,\ 12000\} \\ .3 = [10000,\ 500000] \end{bmatrix},\quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x+8) \end{bmatrix} \\ .3 = 48 \\ .4 = 10 \\ .5 = \begin{bmatrix} AS = 121 \\ AR = 209 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 8\,x] \end{bmatrix}$$

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Function03 Answers for No.9936

Ans1 : .1 > yellow
: .2 > blue
: .3 > black
: .4 > gray
: .5 > red
: .6 > green

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-25,infinity)	(-49,infinity)	(-infinity,0)	(-infinity,16)
.4	(-2,0),(8,0)	(-5,0),(9,0)	(7,0)	(-6,0),(2,0)
.5	(3,-25)	(2,-49)	(7,0)	(-2,16)
.6	Minimum	Minimum	Maximum	Maximum
.7	min = -25	min = -49	max = 0	max = 16

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (500 - 0.6\,x)\,x] \\ .2 = [416.67,\ 104167] \end{bmatrix},\quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (4000 + 500\,x)\,(100 - x)] \\ .2 = \{12000,\ 42000\} \\ .3 = [27000,\ 1458000] \end{bmatrix},\quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x+8) \end{bmatrix} \\ .3 = 180 \\ .4 = 4 \\ .5 = \begin{bmatrix} AS = 49 \\ AR = 105 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 8\,x] \end{bmatrix}$$

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Function03 Answers for No.10029

Ans1 : .1 > black
: .2 > blue
: .3 > gray
: .4 > yellow
: .5 > green
: .6 > red

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-infinity,36)	(-16,infinity)	(-infinity,0)	(-infinity,1)
.4	(-8,0),(4,0)	(-3,0),(5,0)	(-2,0)	(0,0),(2,0)
.5	(-2,36)	(1,-16)	(-2,0)	(1,1)
.6	Maximum	Minimum	Maximum	Maximum
.7	max = 36	min = -16	max = 0	max = 1

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (700 - 0.4\,x)\,x] \\ .2 = [875.00,\ 306250] \end{bmatrix},\quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (3000 + 300\,x)\,(120 - x)] \\ .2 = \{9600,\ 29400\} \\ .3 = [19500,\ 1267500] \end{bmatrix},\quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x+1) \end{bmatrix} \\ .3 = 30 \\ .4 = 8 \\ .5 = \begin{bmatrix} AS = 25 \\ AR = 30 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = x] \end{bmatrix}$$

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Function03 Answers for No.11015

Ans1 : .1 > gray
: .2 > red
: .3 > black
: .4 > blue
: .5 > green
: .6 > yellow

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(0,infinity)	(-16,infinity)	(-1,infinity)	(-infinity,49)
.4	(-3,0)	(-3,0),(5,0)	(-4,0),(-2,0)	(-7,0),(7,0)
.5	(-3,0)	(1,-16)	(-3,-1)	(0,49)
.6	Minimum	Minimum	Minimum	Maximum
.7	min = 0	min = -16	min = -1	max = 49

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (700 - 0.5\,x)\,x] \\ .2 = [700.00, 245000] \end{bmatrix}, \quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (3000 + 300\,x)\,(90 - x)] \\ .2 = \{9300, 20700\} \\ .3 = [15000, 750000] \end{bmatrix}, \quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x+9) \end{bmatrix} \\ .3 = 220 \\ .4 = 3 \\ .5 = \begin{bmatrix} AS = 81 \\ AR = 162 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 9\,x] \end{bmatrix}$$

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Function03 Answers for No.11124

Ans1 : .1 > gray
: .2 > black
: .3 > blue
: .4 > red
: .5 > green
: .6 > yellow

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-infinity,0)	(-infinity,9)	(-infinity,16)	(-1,infinity)
.4	(7,0)	(-2,0),(4,0)	(-7,0),(1,0)	(-7,0),(-5,0)
.5	(7,0)	(1,9)	(-3,16)	(-6,-1)
.6	Maximum	Maximum	Maximum	Minimum
.7	max = 0	max = 9	max = 16	min = -1

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (500 - 0.5\,x)\,x] \\ .2 = [500.00,\ 125000] \end{bmatrix},\quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (3000 + 500\,x)\,(100 - x)] \\ .2 = \{14000,\ 39000\} \\ .3 = [26500,\ 1404500] \end{bmatrix},\quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x+5) \end{bmatrix} \\ .3 = 104 \\ .4 = 7 \\ .5 = \begin{bmatrix} AS = 25 \\ AR = 50 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 5\,x] \end{bmatrix}$$

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Function03 Answers for No.11785

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Ans1 : .1 > blue
     : .2 > yellow
     : .3 > black
     : .4 > green
     : .5 > red
     : .6 > gray
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Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-infinity,64)	(0,infinity)	(-25,infinity)	(-infinity,1)
.4	(-7,0),(9,0)	(4,0)	(-7,0),(3,0)	(-8,0),(-6,0)
.5	(1,64)	(4,0)	(-2,-25)	(-7,1)
.6	Maximum	Minimum	Minimum	Maximum
.7	max = 64	min = 0	min = -25	max = 1

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (600 - 0.6\,x)\,x] \\ .2 = [500.00,\ 150000] \end{bmatrix},\quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (6000 + 300\,x)\,(130 - x)] \\ .2 = \{9600,\ 35400\} \\ .3 = [22500,\ 1687500] \end{bmatrix},\quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x + 11) \end{bmatrix} \\ .3 = 126 \\ .4 = 8 \\ .5 = \begin{bmatrix} AS = 100 \\ AR = 210 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 11\,x] \end{bmatrix}$$

Function03 Answers for No.11787

Ans1 : .1 > green
: .2 > gray
: .3 > black
: .4 > red
: .5 > yellow
: .6 > blue

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-infinity,0)	(-infinity,1)	(-infinity,1)	(-25,infinity)
.4	(-5,0)	(1,0),(3,0)	(-6,0),(-4,0)	(-8,0),(2,0)
.5	(-5,0)	(2,1)	(-5,1)	(-3,-25)
.6	Maximum	Maximum	Maximum	Minimum
.7	max = 0	max = 1	max = 1	min = -25

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (200 - 0.7\,x)\,x] \\ .2 = [142.86,\ 14286] \end{bmatrix},\quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (3000 + 300\,x)\,(90 - x)] \\ .2 = \{7800,\ 22200\} \\ .3 = [15000,\ 750000] \end{bmatrix},\quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x+3) \end{bmatrix} \\ .3 = 4 \\ .4 = 4 \\ .5 = \begin{bmatrix} AS = 25 \\ AR = 40 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 3\,x] \end{bmatrix}$$

Function03 Answers for No.11852

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Ans1 : .1 > green
     : .2 > red
     : .3 > blue
     : .4 > gray
     : .5 > black
     : .6 > yellow
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Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-1,infinity)	(-infinity,49)	(-infinity,4)	(-infinity,0)
.4	(-2,0),(0,0)	(-6,0),(8,0)	(3,0),(7,0)	(1,0)
.5	(-1,-1)	(1,49)	(5,4)	(1,0)
.6	Minimum	Maximum	Maximum	Maximum
.7	min = -1	max = 49	max = 4	max = 0

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (100 - 0.1\,x)\,x] \\ .2 = [500.00, 25000] \end{bmatrix}, \quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (6000 + 600\,x)\,(110 - x)] \\ .2 = \{15000, 57000\} \\ .3 = [36000, 2160000] \end{bmatrix}, \quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = (x+2)\,x \end{bmatrix} \\ .3 = 15 \\ .4 = 12 \\ .5 = \begin{bmatrix} AS = 49 \\ AR = 63 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 2\,x] \end{bmatrix}$$

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Function03 Answers for No.11898

Ans1 : .1 > yellow
: .2 > blue
: .3 > gray
: .4 > green
: .5 > black
: .6 > red

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-infinity,36)	(-infinity,9)	(-infinity,0)	(-25,infinity)
.4	(-7,0),(5,0)	(0,0),(6,0)	(-2,0)	(-5,0),(5,0)
.5	(-1,36)	(3,9)	(-2,0)	(0,-25)
.6	Maximum	Maximum	Maximum	Minimum
.7	max = 36	max = 9	max = 0	min = -25

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (700 - 0.2\,x)\,x] \\ .2 = [1750.00,\ 612500] \end{bmatrix},\quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (4000 + 400\,x)\,(120 - x)] \\ .2 = \{10800,\ 41200\} \\ .3 = [26000,\ 1690000] \end{bmatrix},\quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x + 11) \end{bmatrix} \\ .3 = 80 \\ .4 = 8 \\ .5 = \begin{bmatrix} AS = 25 \\ AR = 80 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 11\,x] \end{bmatrix}$$

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Function03 Answers for No.11909

Ans1 : .1 > yellow
: .2 > gray
: .3 > black
: .4 > green
: .5 > red
: .6 > blue

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-infinity,0)	(-infinity,4)	(-36,infinity)	(-infinity,1)
.4	(2,0)	(-4,0),(0,0)	(-7,0),(5,0)	(-5,0),(-3,0)
.5	(2,0)	(-2,4)	(-1,-36)	(-4,1)
.6	Maximum	Maximum	Minimum	Maximum
.7	max = 0	max = 4	min = -36	max = 1

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (300 - 0.6\,x)\,x] \\ .2 = [250.00,\ 37500] \end{bmatrix},\quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (4000 + 200\,x)\,(120 - x)] \\ .2 = \{8000,\ 20000\} \\ .3 = [14000,\ 980000] \end{bmatrix},\quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x + 11) \end{bmatrix} \\ .3 = 126 \\ .4 = 10 \\ .5 = \begin{bmatrix} AS = 64 \\ AR = 152 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 11\,x] \end{bmatrix}$$

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Function03 Answers for No.11944

Ans1 : .1 > black
: .2 > blue
: .3 > red
: .4 > gray
: .5 > yellow
: .6 > green

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-infinity,1)	(-25,infinity)	(0,infinity)	(-64,infinity)
.4	(3,0),(5,0)	(-3,0),(7,0)	(7,0)	(-7,0),(9,0)
.5	(4,1)	(2,-25)	(7,0)	(1,-64)
.6	Maximum	Minimum	Minimum	Minimum
.7	max = 1	min = -25	min = 0	min = -64

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (100 - 0.6\,x)\,x] \\ .2 = [83.33, 4167] \end{bmatrix}, \quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (7000 + 500\,x)\,(80 - x)] \\ .2 = \{13000, 34000\} \\ .3 = [23500, 1104500] \end{bmatrix}, \quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x+7) \end{bmatrix} \\ .3 = 98 \\ .4 = 6 \\ .5 = \begin{bmatrix} AS = 144 \\ AR = 228 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 7\,x] \end{bmatrix}$$

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Function03 Answers for No.11961

Ans1 : .1 > green
: .2 > red
: .3 > yellow
: .4 > black
: .5 > blue
: .6 > gray

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-infinity,4)	(-49,infinity)	(-16,infinity)	(-infinity,0)
.4	(-5,0),(-1,0)	(-8,0),(6,0)	(1,0),(9,0)	(-2,0)
.5	(-3,4)	(-1,-49)	(5,-16)	(-2,0)
.6	Maximum	Minimum	Minimum	Maximum
.7	max = 4	min = -49	min = -16	max = 0

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (500 - 0.2\,x)\,x] \\ .2 = [1250.00,\ 312500] \end{bmatrix},\quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (6000 + 300\,x)\,(70 - x)] \\ .2 = \{10500,\ 16500\} \\ .3 = [13500,\ 607500] \end{bmatrix},\quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x+5) \end{bmatrix} \\ .3 = 6 \\ .4 = 4 \\ .5 = \begin{bmatrix} AS = 49 \\ AR = 84 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 5\,x] \end{bmatrix}$$

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Function03 Answers for No.11966

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Ans1 : .1 > blue
     : .2 > black
     : .3 > red
     : .4 > yellow
     : .5 > green
     : .6 > gray
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Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-4,infinity)	(-infinity,0)	(-infinity,16)	(-9,infinity)
.4	(1,0),(5,0)	(4,0)	(-8,0),(0,0)	(2,0),(8,0)
.5	(3,-4)	(4,0)	(-4,16)	(5,-9)
.6	Minimum	Maximum	Maximum	Minimum
.7	min = -4	max = 0	max = 16	min = -9

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (600 - 0.6\,x)\,x] \\ .2 = [500.00,\ 150000] \end{bmatrix},\quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (6000 + 200\,x)\,(90 - x)] \\ .2 = \{9200,\ 14800\} \\ .3 = [12000,\ 720000] \end{bmatrix},\quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x+9) \end{bmatrix} \\ .3 = 190 \\ .4 = 12 \\ .5 = \begin{bmatrix} AS = 36 \\ AR = 90 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 9\,x] \end{bmatrix}$$

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Function03 Answers for No.12024

Ans1 : .1 > black
: .2 > gray
: .3 > green
: .4 > red
: .5 > blue
: .6 > yellow

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-infinity,9)	(-1,infinity)	(-infinity,0)	(-infinity,49)
.4	(-8,0),(-2,0)	(1,0),(3,0)	(-9,0)	(-5,0),(9,0)
.5	(-5,9)	(2,-1)	(-9,0)	(2,49)
.6	Maximum	Minimum	Maximum	Maximum
.7	max = 9	min = -1	max = 0	max = 49

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (600 - 0.5\,x)\,x] \\ .2 = [600.00,\ 180000] \end{bmatrix},\quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (3000 + 500\,x)\,(100 - x)] \\ .2 = \{9000,\ 44000\} \\ .3 = [26500,\ 1404500] \end{bmatrix},\quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x + 7) \end{bmatrix} \\ .3 = 60 \\ .4 = 10 \\ .5 = \begin{bmatrix} AS = 49 \\ AR = 98 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 7\,x] \end{bmatrix}$$

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Function03 Answers for No.12045

Ans1 : .1 > yellow
: .2 > black
: .3 > green
: .4 > blue
: .5 > gray
: .6 > red

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(0,infinity)	(-16,infinity)	(-infinity,4)	(-infinity,1)
.4	(-4,0)	(-6,0),(2,0)	(-7,0),(-3,0)	(3,0),(5,0)
.5	(-4,0)	(-2,-16)	(-5,4)	(4,1)
.6	Minimum	Minimum	Maximum	Maximum
.7	min = 0	min = -16	max = 4	max = 1

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (700 - 0.2\,x)\,x] \\ .2 = [1750.00, 612500] \end{bmatrix}, \quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (4000 + 500\,x)\,(100 - x)] \\ .2 = \{9500, 44500\} \\ .3 = [27000, 1458000] \end{bmatrix}, \quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x+3) \end{bmatrix} \\ .3 = 108 \\ .4 = 8 \\ .5 = \begin{bmatrix} AS = 36 \\ AR = 54 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 3\,x] \end{bmatrix}$$

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Function03 Answers for No.12623

Ans1 : .1 > blue
: .2 > yellow
: .3 > green
: .4 > gray
: .5 > red
: .6 > black

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-1,infinity)	(-infinity,4)	(-16,infinity)	(0,infinity)
.4	(3,0),(5,0)	(-7,0),(-3,0)	(-4,0),(4,0)	(-7,0)
.5	(4,-1)	(-5,4)	(0,-16)	(-7,0)
.6	Minimum	Maximum	Minimum	Minimum
.7	min = -1	max = 4	min = -16	min = 0

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (200 - 0.6\,x)\,x] \\ .2 = [166.67,\, 16667] \end{bmatrix},\quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (4000 + 500\,x)\,(70 - x)] \\ .2 = \{14000,\, 25000\} \\ .3 = [19500,\, 760500] \end{bmatrix},\quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = (x+2)\,x \end{bmatrix} \\ .3 = 99 \\ .4 = 13 \\ .5 = \begin{bmatrix} AS = 169 \\ AR = 195 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 2\,x] \end{bmatrix}$$

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Function03 Answers for No.12915

Ans1 : .1 > blue
: .2 > gray
: .3 > green
: .4 > yellow
: .5 > red
: .6 > black

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-25,infinity)	(0,infinity)	(-infinity,25)	(-25,infinity)
.4	(-5,0),(5,0)	(-8,0)	(-4,0),(6,0)	(-8,0),(2,0)
.5	(0,-25)	(-8,0)	(1,25)	(-3,-25)
.6	Minimum	Minimum	Maximum	Minimum
.7	min = -25	min = 0	max = 25	min = -25

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (300 - 0.1\,x)\,x] \\ .2 = [1500.00, 225000] \end{bmatrix}, \quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (4000 + 500\,x)\,(100 - x)] \\ .2 = \{12000, 42000\} \\ .3 = [27000, 1458000] \end{bmatrix}, \quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = (x+2)\,x \end{bmatrix} \\ .3 = 8 \\ .4 = 12 \\ .5 = \begin{bmatrix} AS = 16 \\ AR = 24 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 2\,x] \end{bmatrix}$$

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Function03 Answers for No.13089

Ans1 : .1 > blue
: .2 > red
: .3 > black
: .4 > yellow
: .5 > gray
: .6 > green

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-infinity,0)	(-infinity,36)	(-16,infinity)	(-infinity,16)
.4	(-4,0)	(-7,0),(5,0)	(-4,0),(4,0)	(1,0),(9,0)
.5	(-4,0)	(-1,36)	(0,-16)	(5,16)
.6	Maximum	Maximum	Minimum	Maximum
.7	max = 0	max = 36	min = -16	max = 16

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (200 - 0.6\,x)\,x] \\ .2 = [166.67,\ 16667] \end{bmatrix},\ Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (4000 + 500\,x)\,(110 - x)] \\ .2 = \{12000,\ 47000\} \\ .3 = [29500,\ 1740500] \end{bmatrix},\ Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x+5) \end{bmatrix} \\ .3 = 84 \\ .4 = 3 \\ .5 = \begin{bmatrix} AS = 100 \\ AR = 150 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 5\,x] \end{bmatrix}$$

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Function03 Answers for No.13101

Ans1 : .1 > gray
: .2 > yellow
: .3 > green
: .4 > black
: .5 > red
: .6 > blue

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-1,infinity)	(-infinity,36)	(-infinity,4)	(-infinity,0)
.4	(6,0),(8,0)	(-9,0),(3,0)	(-5,0),(-1,0)	(-6,0)
.5	(7,-1)	(-3,36)	(-3,4)	(-6,0)
.6	Minimum	Maximum	Maximum	Maximum
.7	min = -1	max = 36	max = 4	max = 0

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (400 - 0.7\,x)\,x] \\ .2 = [285.71, 57143] \end{bmatrix}, \quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (4000 + 200\,x)\,(90 - x)] \\ .2 = \{8400, 13600\} \\ .3 = [11000, 605000] \end{bmatrix}, \quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x + 7) \end{bmatrix} \\ .3 = 170 \\ .4 = 9 \\ .5 = \begin{bmatrix} AS = 144 \\ AR = 228 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 7\,x] \end{bmatrix}$$

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Function03 Answers for No.13155

Ans1 : .1 > red
: .2 > yellow
: .3 > blue
: .4 > gray
: .5 > green
: .6 > black

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-infinity,1)	(-infinity,0)	(-infinity,36)	(-64,infinity)
.4	(2,0),(4,0)	(9,0)	(-9,0),(3,0)	(-8,0),(8,0)
.5	(3,1)	(9,0)	(-3,36)	(0,-64)
.6	Maximum	Maximum	Maximum	Minimum
.7	max = 1	max = 0	max = 36	min = -64

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (500 - 0.6\,x)\,x] \\ .2 = [416.67,\ 104167] \end{bmatrix},\quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (5000 + 500\,x)\,(100 - x)] \\ .2 = \{13000,\ 42000\} \\ .3 = [27500,\ 1512500] \end{bmatrix},\quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x+5) \end{bmatrix} \\ .3 = 150 \\ .4 = 6 \\ .5 = \begin{bmatrix} AS = 25 \\ AR = 50 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 5\,x] \end{bmatrix}$$

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Function03 Answers for No.13156

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Ans1 : .1 > yellow
     : .2 > gray
     : .3 > green
     : .4 > blue
     : .5 > red
     : .6 > black
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Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-25,infinity)	(-4,infinity)	(-infinity,1)	(-infinity,0)
.4	(-5,0),(5,0)	(-3,0),(1,0)	(0,0),(2,0)	(-1,0)
.5	(0,-25)	(-1,-4)	(1,1)	(-1,0)
.6	Minimum	Minimum	Maximum	Maximum
.7	min = -25	min = -4	max = 1	max = 0

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (700 - 0.4\,x)\,x] \\ .2 = [875.00, 306250] \end{bmatrix}, \quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (3000 + 300\,x)\,(90 - x)] \\ .2 = \{8700, 21300\} \\ .3 = [15000, 750000] \end{bmatrix}, \quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = (x+2)\,x \end{bmatrix} \\ .3 = 3 \\ .4 = 6 \\ .5 = \begin{bmatrix} AS = 9 \\ AR = 15 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 2\,x] \end{bmatrix}$$

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Function03 Answers for No.13158

Ans1 : .1 > gray
: .2 > red
: .3 > blue
: .4 > black
: .5 > green
: .6 > yellow

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-infinity,4)	(-infinity,0)	(-infinity,1)	(-16,infinity)
.4	(-7,0),(-3,0)	(-8,0)	(-6,0),(-4,0)	(-5,0),(3,0)
.5	(-5,4)	(-8,0)	(-5,1)	(-1,-16)
.6	Maximum	Maximum	Maximum	Minimum
.7	max = 4	max = 0	max = 1	min = -16

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (500 - 0.2\,x)\,x] \\ .2 = [1250.00, 312500] \end{bmatrix}, \quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (4000 + 500\,x)\,(100 - x)] \\ .2 = \{12000, 42000\} \\ .3 = [27000, 1458000] \end{bmatrix}, \quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x+3) \end{bmatrix} \\ .3 = 10 \\ .4 = 7 \\ .5 = \begin{bmatrix} AS = 16 \\ AR = 28 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 3\,x] \end{bmatrix}$$

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Function03 Answers for No.13203

Ans1 : .1 > red
: .2 > yellow
: .3 > blue
: .4 > black
: .5 > gray
: .6 > green

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-infinity,64)	(-36,infinity)	(-infinity,0)	(-infinity,4)
.4	(-9,0),(7,0)	(-4,0),(8,0)	(8,0)	(-3,0),(1,0)
.5	(-1,64)	(2,-36)	(8,0)	(-1,4)
.6	Maximum	Minimum	Maximum	Maximum
.7	max = 64	min = -36	max = 0	max = 4

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (600 - 0.4\,x)\,x] \\ .2 = [750.00,\ 225000] \end{bmatrix},\quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (6000 + 500\,x)\,(100 - x)] \\ .2 = \{15000,\ 41000\} \\ .3 = [28000,\ 1568000] \end{bmatrix},\quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x+9) \end{bmatrix} \\ .3 = 190 \\ .4 = 6 \\ .5 = \begin{bmatrix} AS = 169 \\ AR = 286 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 9\,x] \end{bmatrix}$$

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Function03 Answers for No.13469

Ans1 : .1 > black
: .2 > red
: .3 > yellow
: .4 > blue
: .5 > green
: .6 > gray

Ans	2	3	4	5
.2	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)	(-infinity,infinity)
.3	(-infinity,9)	(0,infinity)	(-infinity,36)	(-4,infinity)
.4	(-5,0),(1,0)	(-7,0)	(-8,0),(4,0)	(3,0),(7,0)
.5	(-2,9)	(-7,0)	(-2,36)	(5,-4)
.6	Maximum	Minimum	Maximum	Minimum
.7	max = 9	min = 0	max = 36	min = -4

$$Ans6 = \begin{bmatrix} .1 = [\mathrm{P}(x) = (500 - 0.3\,x)\,x] \\ .2 = [833.33,\ 208333] \end{bmatrix},\quad Ans7 = \begin{bmatrix} .1 = [\mathrm{Income}(x) = (6000 + 200\,x)\,(90 - x)] \\ .2 = \{8400,\ 15600\} \\ .3 = [12000,\ 720000] \end{bmatrix},\quad Ans8 = \begin{bmatrix} .1 = \begin{bmatrix} \mathrm{AreaS}(x) = x^2 \\ AreaR = x\,(x+4) \end{bmatrix} \\ .3 = 140 \\ .4 = 8 \\ .5 = \begin{bmatrix} AS = 81 \\ AR = 117 \end{bmatrix} \\ .6 = [\mathrm{f}(x) = 4\,x] \end{bmatrix}$$

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