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X Math@MUT XXXM6/1-6800502-00001XX
LimitExercise01 for No.9844

$$NoI = \left[f(x) = \frac{x^2 + x}{|x|}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No2 = \left[f(x) = \frac{1 - \cos(x)}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No3 = \left[f(x) = \frac{x-25}{\sqrt{x-5}}, a = 25 \right]$$

x	24.8000	24.9000	24.9900	24.9990	24.9999	..	a = 25	...	25.0001	25.0010	25.0100	25.1000	25.2000
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$$No4 = \left[f(x) = \frac{x}{1 - e^x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No5 = \left[f(x) = \frac{x-3}{x^2-8x+15}, a=3 \right]$$

x	2.8000	2.9000	2.9900	2.9990	2.9999	...	a = 3	...	3.0001	3.0010	3.0100	3.1000	3.2000
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$$No6 = [\alpha = -9, \beta = 5, \gamma = 8, \delta = 9, \varepsilon = 10]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00002XX
LimitExercise01 for No.9872

$$NoI = \left[f(x) = \frac{-4+x}{-8-2x+x^2}, a=4 \right]$$

x	3.8000	3.9000	3.9900	3.9990	3.9999	...	a = 4	...	4.0001	4.0010	4.0100	4.1000	4.2000
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$$No2 = \left[f(x) = \frac{2x}{x^2 + x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No3 = \left[f(x) = \frac{4-x}{\sqrt{x-2}}, a=4 \right]$$

x	3.8000	3.9000	3.9900	3.9990	3.9999	...	a = 4	...	4.0001	4.0010	4.0100	4.1000	4.2000
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$$No4 = \left[f(x) = \frac{3e^x - 3}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a =	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No5 = \left[f(x) = \frac{\cos(x) - 1}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No6 = [\alpha = -10, \beta = -9, \gamma = -6, \delta = 2, \varepsilon = 10]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00003XX
LimitExercise01 for No.9873

$$NoI = \left[f(x) = \frac{1 - \cos(x)}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No2 = \left[f(x) = \frac{x^2 + 2x}{|x|}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No3 = \left[f(x) = \frac{x + x^2 - 30}{x - 5}, a = 5 \right]$$

x	4.8000	4.9000	4.9900	4.9990	4.9999	..	a = 5	...	5.0001	5.0010	5.0100	5.1000	5.2000
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$$No4 = \left[f(x) = \frac{5e^x - 5}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No5 = \left[f(x) = \frac{6 - \sqrt{x}}{36 - x}, a = 36 \right]$$

x	35.8000	35.9000	35.9900	35.9990	35.9999	...	a = 36	...	36.0001	36.0010	36.0100	36.1000	36.2000
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$$No6 = [\alpha = -12, \beta = -8, \gamma = 4, \delta = 9, \varepsilon = 12]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00004XX
LimitExercise01 for No.9884

$$No1 = \left[f(x) = \frac{9|x|}{x^2 + 3x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a =	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No2 = \left[f(x) = \frac{\sqrt{x-1}}{-1+x}, a = 1 \right]$$

x	0.8000	0.9000	0.9900	0.9990	0.9999	..	a =	1	...	1.0001	1.0010	1.0100	1.1000	1.2000
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$$No3 = \left[f(x) = \frac{x}{\sin(x)}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No4 = \left[f(x) = \frac{-2+x}{-5x+6+x^2}, a=2 \right]$$

x	1.8000	1.9000	1.9900	1.9990	1.9999	..	a = 2	...	2.0001	2.0010	2.0100	2.1000	2.2000
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$$No5 = \left[f(x) = \frac{1 - e^x}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No6 = [\alpha = -8, \beta = -1, \gamma = 2, \delta = 7, \varepsilon = 8]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00005XX
LimitExercise01 for No.9885

$$NoI = \left[f(x) = \frac{x-3}{-2x+x^2-3}, a=3 \right]$$

x	2.8000	2.9000	2.9900	2.9990	2.9999	..	a = 3	...	3.0001	3.0010	3.0100	3.1000	3.2000
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$$No2 = \left[f(x) = \frac{\cos(x) - 1}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No3 = \left[f(x) = \frac{4-x}{2-\sqrt{x}}, a=4 \right]$$

x	3.8000	3.9000	3.9900	3.9990	3.9999	..	a = 4	...	4.0001	4.0010	4.0100	4.1000	4.2000
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$$No4 = \left[f(x) = \frac{4x}{1 - e^x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No5 = \left[f(x) = \frac{x^2 + 2x}{|x|}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No6 = [\alpha = -11, \beta = -10, \gamma = -1, \delta = 2, \varepsilon = 4]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00006XX
LimitExercise01 for No.9895

$$NoI = \left[f(x) = \frac{\sqrt{x-2}}{-4+x}, a=4 \right]$$

x	3.8000	3.9000	3.9900	3.9990	3.9999	..	a =	4	...	4.0001	4.0010	4.0100	4.1000	4.2000
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$$No2 = \left[f(x) = \frac{2|x|}{x^2 + 2x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No3 = \left[f(x) = \frac{\sin(x)}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No4 = \left[f(x) = \frac{5x}{1 - e^x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No5 = \left[f(x) = \frac{12 - 8x + x^2}{-6 + x}, a = 6 \right]$$

x	5.8000	5.9000	5.9900	5.9990	5.9999	..	a =	6	...	6.0001	6.0010	6.0100	6.1000	6.2000
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$$No6 = [\alpha = -1, \beta = 3, \gamma = 5, \delta = 6, \varepsilon = 9]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00007XX
LimitExercise01 for No.9899

$$NoI = \left[f(x) = \frac{\sin(x)}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No2 = \left[f(x) = \frac{x-16}{4-\sqrt{x}}, a = 16 \right]$$

x	15.8000	15.9000	15.9900	15.9990	15.9999	..	a = 16	...	16.0001	16.0010	16.0100	16.1000	16.2000
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$$No3 = \left[f(x) = \frac{x-3}{-10x+x^2+21}, a=3 \right]$$

x	2.8000	2.9000	2.9900	2.9990	2.9999	..	a = 3	...	3.0001	3.0010	3.0100	3.1000	3.2000
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$$No4 = \left[f(x) = \frac{x}{1 - e^x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No5 = \left[f(x) = \frac{6|x|}{x^2 + 3x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a =	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No6 = [\alpha = -12, \beta = -6, \gamma = 2, \delta = 6, \varepsilon = 7]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00008XX
LimitExercise01 for No.9920

$$NoI = \left[f(x) = \frac{1 - \cos(x)}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No2 = \left[f(x) = \frac{-2+x}{5x-14+x^2}, a=2 \right]$$

x	1.8000	1.9000	1.9900	1.9990	1.9999	..	a = 2	...	2.0001	2.0010	2.0100	2.1000	2.2000
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$$No3 = \left[f(x) = \frac{2x}{x^2 + 2x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No4 = \left[f(x) = \frac{64 - x}{8 - \sqrt{x}}, a = 64 \right]$$

x	63.8000	63.9000	63.9900	63.9990	63.9999	..	a = 64	...	64.0001	64.0010	64.0100	64.1000	64.2000
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$$No5 = \left[f(x) = \frac{e^x - 1}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No6 = [\alpha = -11, \beta = -9, \gamma = -3, \delta = -2, \varepsilon = 7]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00009XX
LimitExercise01 for No.10000

$$NoI = \left[f(x) = \frac{2e^x - 2}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a =	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No2 = \left[f(x) = \frac{x-36}{\sqrt{x-6}}, a = 36 \right]$$

x	35.8000	35.9000	35.9900	35.9990	35.9999	..	a = 36	...	36.0001	36.0010	36.0100	36.1000	36.2000
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$$No3 = \left[f(x) = \frac{x^2 + 2x}{|x|}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a =	0	...		0.0001	0.0010	0.0100	0.1000	0.2000
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$$No4 = \left[f(x) = \frac{x}{\sin(x)}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No5 = \left[f(x) = \frac{-6+x}{6-7x+x^2}, a=6 \right]$$

x	5.8000	5.9000	5.9900	5.9990	5.9999	..	a = 6	...	6.0001	6.0010	6.0100	6.1000	6.2000
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$$No6 = [\alpha = -6, \beta = -1, \gamma = 0, \delta = 7, \varepsilon = 11]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00010XX
LimitExercise01 for No.10017

$$NoI = \left[f(x) = \frac{-2x + x^2 - 15}{x - 5}, a = 5 \right]$$

x	4.8000	4.9000	4.9900	4.9990	4.9999	..	a = 5	...	5.0001	5.0010	5.0100	5.1000	5.2000
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$$No2 = \left[f(x) = \frac{x^2 + 3x}{|x|}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No3 = \left[f(x) = \frac{5e^x - 5}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No4 = \left[f(x) = \frac{2 - \sqrt{x}}{4 - x}, a = 4 \right]$$

x	3.8000	3.9000	3.9900	3.9990	3.9999	...	a = 4	...	4.0001	4.0010	4.0100	4.1000	4.2000
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$$No5 = \left[f(x) = \frac{\sin(x)}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No6 = [\alpha = -2, \beta = -1, \gamma = 0, \delta = 5, \varepsilon = 11]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00011XX
LimitExercise01 for No.10025

$$NoI = \left[f(x) = \frac{-4 + x}{8 - 6x + x^2}, a = 4 \right]$$

x	3.8000	3.9000	3.9900	3.9990	3.9999	...	a = 4	...	4.0001	4.0010	4.0100	4.1000	4.2000
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$$No2 = \left[f(x) = \frac{3x}{x^2 + x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No3 = \left[f(x) = \frac{\cos(x) - 1}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No4 = \left[f(x) = \frac{64 - x}{8 - \sqrt{x}}, a = 64 \right]$$

x	63.8000	63.9000	63.9900	63.9990	63.9999	..	a = 64	...	64.0001	64.0010	64.0100	64.1000	64.2000
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$$No5 = \left[f(x) = \frac{4x}{e^x - 1}, a = 0 \right]$$

| x | -0.2000 | -0.1000 | -0.0100 | -0.0010 | -0.0001 | .. | a = 0 | ... | 0.0001 | 0.0010 | 0.0100 | 0.1000 | 0.2000 |

$$No6 = [\alpha = -11, \beta = 1, \gamma = 3, \delta = 9, \varepsilon = 10]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00012XX
LimitExercise01 for No.10057

$$NoI = \left[f(x) = \frac{-2+x}{14-9x+x^2}, a=2 \right]$$

x	1.8000	1.9000	1.9900	1.9990	1.9999	..	a = 2	...	2.0001	2.0010	2.0100	2.1000	2.2000
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$$No2 = \left[f(x) = \frac{2e^x - 2}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No3 = \left[f(x) = \frac{49 - x}{\sqrt{x - 7}}, a = 49 \right]$$

x	48.8000	48.9000	48.9900	48.9990	48.9999	...	a = 49	...	49.0001	49.0010	49.0100	49.1000	49.2000
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$$No4 = \left[f(x) = \frac{x^2 + 2x}{|x|}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No5 = \left[f(x) = \frac{x}{\sin(x)}, a = 0 \right]$$

| x | -0.2000 | -0.1000 | -0.0100 | -0.0010 | -0.0001 | .. | a = 0 | ... | 0.0001 | 0.0010 | 0.0100 | 0.1000 | 0.2000 |

$$No6 = [\alpha = -9, \beta = -4, \gamma = -2, \delta = 4, \varepsilon = 10]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00013XX
LimitExercise01 for No.10061

$$NoI = \left[f(x) = \frac{2 - 3x + x^2}{-2 + x}, a = 2 \right]$$

x	1.8000	1.9000	1.9900	1.9990	1.9999	..	a = 2	...	2.0001	2.0010	2.0100	2.1000	2.2000
---	--------	--------	--------	--------	--------	----	-------	-----	--------	--------	--------	--------	--------

$$No2 = \left[f(x) = \frac{x^2 + 3x}{|x|}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No3 = \left[f(x) = \frac{9-x}{3-\sqrt{x}}, a=9 \right]$$

x	8.8000	8.9000	8.9900	8.9990	8.9999	..	a = 9	...	9.0001	9.0010	9.0100	9.1000	9.2000
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$$No4 = \left[f(x) = \frac{4x}{1 - e^x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a =	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
---	---------	---------	---------	---------	---------	----	-----	---	-----	--------	--------	--------	--------	--------

$$No5 = \left[f(x) = \frac{1 - \cos(x)}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No6 = [\alpha = -11, \beta = -8, \gamma = -2, \delta = 3, \varepsilon = 10]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00014XX
LimitExercise01 for No.10071

$$NoI = \left[f(x) = \frac{\sqrt{x-2}}{-4+x}, a=4 \right]$$

x	3.8000	3.9000	3.9900	3.9990	3.9999	..	a =	4	...	4.0001	4.0010	4.0100	4.1000	4.2000
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$$No2 = \left[f(x) = \frac{-6 + x}{-6 - 5x + x^2}, a = 6 \right]$$

x	5.8000	5.9000	5.9900	5.9990	5.9999	..	a =	6	...	6.0001	6.0010	6.0100	6.1000	6.2000
---	--------	--------	--------	--------	--------	----	-----	---	-----	--------	--------	--------	--------	--------

$$No3 = \left[f(x) = \frac{2|x|}{x^2 + x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No4 = \left[f(x) = \frac{1 - \cos(x)}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No5 = \left[f(x) = \frac{4x}{1 - e^x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No6 = [\alpha = -1, \beta = 0, \gamma = 3, \delta = 5, \varepsilon = 10]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00015XX
LimitExercise01 for No.10088

$$NoI = \left[f(x) = \frac{7 - \sqrt{x}}{49 - x}, a = 49 \right]$$

x	48.8000	48.9000	48.9900	48.9990	48.9999	..	a = 49	...	49.0001	49.0010	49.0100	49.1000	49.2000
---	---------	---------	---------	---------	---------	----	--------	-----	---------	---------	---------	---------	---------

$$No2 = \left[f(x) = \frac{1 - \cos(x)}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
---	---------	---------	---------	---------	------------	-----	-------	--------	--------	--------	--------	--------

$$No3 = \left[f(x) = \frac{x-5}{-2x+x^2-15}, a=5 \right]$$

x	4.8000	4.9000	4.9900	4.9990	4.9999	..	a = 5	...	5.0001	5.0010	5.0100	5.1000	5.2000
---	--------	--------	--------	--------	--------	----	-------	-----	--------	--------	--------	--------	--------

$$No4 = \left[f(x) = \frac{7e^x - 7}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No5 = \left[f(x) = \frac{3x}{x^2 + x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No6 = [\alpha = -8, \beta = -3, \gamma = 2, \delta = 10, \varepsilon = 11]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00017XX
LimitExercise01 for No.10387

$$NoI = \left[f(x) = \frac{6 - 6e^x}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No2 = \left[f(x) = \frac{\cos(x) - 1}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No3 = \left[f(x) = \frac{-8 - 2x + x^2}{-4 + x}, a = 4 \right]$$

x	3.8000	3.9000	3.9900	3.9990	3.9999	..	a =	4	...	4.0001	4.0010	4.0100	4.1000	4.2000
---	--------	--------	--------	--------	--------	----	-----	---	-----	--------	--------	--------	--------	--------

$$No4 = \left[f(x) = \frac{x^2 + x}{|x|}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No5 = \left[f(x) = \frac{x-49}{\sqrt{x-7}}, a = 49 \right]$$

x	48.8000	48.9000	48.9900	48.9990	48.9999	...	a = 49	...	49.0001	49.0010	49.0100	49.1000	49.2000
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$$No6 = [\alpha = -11, \beta = 0, \gamma = 1, \delta = 3, \varepsilon = 9]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00018XX
LimitExercise01 for No.10914

$$NoI = \left[f(x) = \frac{4 - 4e^x}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No2 = \left[f(x) = \frac{3 - \sqrt{x}}{9 - x}, a = 9 \right]$$

x	8.8000	8.9000	8.9900	8.9990	8.9999	..	a = 9	...	9.0001	9.0010	9.0100	9.1000	9.2000
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$$No3 = \left[f(x) = \frac{x^2 + 2x - 35}{x - 5}, a = 5 \right]$$

x	4.8000	4.9000	4.9900	4.9990	4.9999	..	a = 5	...	5.0001	5.0010	5.0100	5.1000	5.2000
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$$No4 = \left[f(x) = \frac{2|x|}{x^2 + 2x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No5 = \left[f(x) = \frac{\cos(x) - 1}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No6 = [\alpha = 0, \beta = 1, \gamma = 3, \delta = 4, \varepsilon = 5]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00019XX
LimitExercise01 for No.10945

$$NoI = \left[f(x) = \frac{x + x^2 - 12}{x - 3}, a = 3 \right]$$

x	2.8000	2.9000	2.9900	2.9990	2.9999	..	a = 3	...	3.0001	3.0010	3.0100	3.1000	3.2000
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$$No2 = \left[f(x) = \frac{-1+x}{\sqrt{x-1}}, a = 1 \right]$$

x	0.8000	0.9000	0.9900	0.9990	0.9999	..	a =	1	...	1.0001	1.0010	1.0100	1.1000	1.2000
---	--------	--------	--------	--------	--------	----	-----	---	-----	--------	--------	--------	--------	--------

$$No3 = \left[f(x) = \frac{6 - 6e^x}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No4 = \left[f(x) = \frac{\cos(x) - 1}{x}, a = 0 \right]$$

| x | -0.2000 | -0.1000 | -0.0100 | -0.0010 | -0.0001 | .. | a = 0 | ... | 0.0001 | 0.0010 | 0.0100 | 0.1000 | 0.2000 |

$$No5 = \left[f(x) = \frac{x^2 + 3x}{|x|}, a = 0 \right]$$

| x | -0.2000 | -0.1000 | -0.0100 | -0.0010 | -0.0001 | .. | a = 0 | ... | 0.0001 | 0.0010 | 0.0100 | 0.1000 | 0.2000 |

$$No6 = [\alpha = -12, \beta = -3, \gamma = -2, \delta = 2, \varepsilon = 9]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00020XX
LimitExercise01 for No.10954

$$NoI = \left[f(x) = \frac{1 - \cos(x)}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a =	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No2 = \left[f(x) = \frac{-1+x}{\sqrt{x-1}}, a = 1 \right]$$

x	0.8000	0.9000	0.9900	0.9990	0.9999	..	a =	1	...	1.0001	1.0010	1.0100	1.1000	1.2000
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$$No3 = \left[f(x) = \frac{5e^x - 5}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No4 = \left[f(x) = \frac{6|x|}{x^2 + 3x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a =	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No5 = \left[f(x) = \frac{x^2 - 8x + 15}{x - 3}, a = 3 \right]$$

x	2.8000	2.9000	2.9900	2.9990	2.9999	...	a = 3	...	3.0001	3.0010	3.0100	3.1000	3.2000
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$$No6 = [\alpha = -11, \beta = -3, \gamma = 1, \delta = 11, \varepsilon = 12]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00021XX
LimitExercise01 for No.10966

$$NoI = \left[f(x) = \frac{x}{\sin(x)}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No2 = \left[f(x) = \frac{7e^x - 7}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No3 = \left[f(x) = \frac{-1+x}{2-3x+x^2}, a=1 \right]$$

x	0.8000	0.9000	0.9900	0.9990	0.9999	..	a =	1	...	1.0001	1.0010	1.0100	1.1000	1.2000
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$$No4 = \left[f(x) = \frac{64 - x}{8 - \sqrt{x}}, a = 64 \right]$$

x	63.8000	63.9000	63.9900	63.9990	63.9999	...	a = 64	...	64.0001	64.0010	64.0100	64.1000	64.2000
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$$No5 = \left[f(x) = \frac{x^2 + 2x}{|x|}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a =	0	...		0.0001	0.0010	0.0100	0.1000	0.2000
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$$No6 = [\alpha = -8, \beta = -2, \gamma = 1, \delta = 7, \varepsilon = 10]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00022XX
LimitExercise01 for No.11154

$$NoI = \left[f(x) = \frac{-6 + x}{-12 - 4x + x^2}, a = 6 \right]$$

x	5.8000	5.9000	5.9900	5.9990	5.9999	..	a = 6	...	6.0001	6.0010	6.0100	6.1000	6.2000
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$$No2 = \left[f(x) = \frac{5 - 5e^x}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No3 = \left[f(x) = \frac{x}{\sin(x)}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No4 = \left[f(x) = \frac{\sqrt{x-6}}{x-36}, a = 36 \right]$$

x	35.8000	35.9000	35.9900	35.9990	35.9999	...	a = 36	...	36.0001	36.0010	36.0100	36.1000	36.2000
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$$No5 = \left[f(x) = \frac{x^2 + 3x}{|x|}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a =	0	...		0.0001	0.0010	0.0100	0.1000	0.2000
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$$No6 = [\alpha = -6, \beta = -4, \gamma = -3, \delta = 7, \varepsilon = 11]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00023XX
LimitExercise01 for No.11191

$$NoI = \left[f(x) = \frac{\sin(x)}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No2 = \left[f(x) = \frac{\sqrt{x-4}}{16-x}, a = 16 \right]$$

x	15.8000	15.9000	15.9900	15.9990	15.9999	..	a = 16	...	16.0001	16.0010	16.0100	16.1000	16.2000
---	---------	---------	---------	---------	---------	----	--------	-----	---------	---------	---------	---------	---------

$$No3 = \left[f(x) = \frac{-6 - 5x + x^2}{-6 + x}, a = 6 \right]$$

x	5.8000	5.9000	5.9900	5.9990	5.9999	..	a = 6	...	6.0001	6.0010	6.0100	6.1000	6.2000
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$$No4 = \left[f(x) = \frac{2 - 2e^x}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No5 = \left[f(x) = \frac{x^2 + 3x}{|x|}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No6 = [\alpha = -12, \beta = -6, \gamma = -3, \delta = -1, \varepsilon = 5]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00024XX
LimitExercise01 for No.11309

$$NoI = \left[f(x) = \frac{x}{e^x - 1}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No2 = \left[f(x) = \frac{\sqrt{x-4}}{x-16}, a = 16 \right]$$

x	15.8000	15.9000	15.9900	15.9990	15.9999	..	a = 16	...	16.0001	16.0010	16.0100	16.1000	16.2000
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$$No3 = \left[f(x) = \frac{1 - \cos(x)}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No4 = \left[f(x) = \frac{|x|}{x^2 + x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No5 = \left[f(x) = \frac{12 - 8x + x^2}{-2 + x}, a = 2 \right]$$

x	1.8000	1.9000	1.9900	1.9990	1.9999	..	a =	2	...	2.0001	2.0010	2.0100	2.1000	2.2000
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$$No6 = [\alpha = 4, \beta = 6, \gamma = 8, \delta = 9, \varepsilon = 12]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00027XX
LimitExercise01 for No.12637

$$NoI = \left[f(x) = \frac{9-x}{\sqrt{x-3}}, a = 9 \right]$$

x	8.8000	8.9000	8.9900	8.9990	8.9999	..	a = 9	...	9.0001	9.0010	9.0100	9.1000	9.2000
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$$No2 = \left[f(x) = \frac{3|x|}{x^2 + 3x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No3 = \left[f(x) = \frac{5x}{e^x - 1}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No4 = \left[f(x) = \frac{42 - 13x + x^2}{-6 + x}, a = 6 \right]$$

x	5.8000	5.9000	5.9900	5.9990	5.9999	..	a =	6	...	6.0001	6.0010	6.0100	6.1000	6.2000
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$$No5 = \left[f(x) = \frac{x}{\sin(x)}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No6 = [\alpha = -9, \beta = 0, \gamma = 2, \delta = 5, \varepsilon = 8]$$

[illegible]

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X Math@MUT XXXM6/1-6800502-00030XX
LimitExercise01 for No.13519

$$NoI = \left[f(x) = \frac{\sqrt{x-5}}{x-25}, a = 25 \right]$$

x	24.8000	24.9000	24.9900	24.9990	24.9999	..	a = 25	...	25.0001	25.0010	25.0100	25.1000	25.2000
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$$No2 = \left[f(x) = \frac{x-3}{x^2+4x-21}, a=3 \right]$$

x	2.8000	2.9000	2.9900	2.9990	2.9999	..	a = 3	...	3.0001	3.0010	3.0100	3.1000	3.2000
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$$No3 = \left[f(x) = \frac{\cos(x) - 1}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a =	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No4 = \left[f(x) = \frac{6|x|}{x^2 + 3x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a =	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No5 = \left[f(x) = \frac{4x}{1 - e^x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a =	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No6 = [\alpha = -9, \beta = -8, \gamma = 3, \delta = 4, \varepsilon = 5]$$

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X Math@MUT XXXM6/1-6800502-00031XX
LimitExercise01 for No.14276

$$NoI = \left[f(x) = \frac{1-x}{1-\sqrt{x}}, a = 1 \right]$$

x	0.8000	0.9000	0.9900	0.9990	0.9999	..	a =	1	...	1.0001	1.0010	1.0100	1.1000	1.2000
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$$No2 = \left[f(x) = \frac{2|x|}{x^2 + x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No3 = \left[f(x) = \frac{-6 + x}{-11x + 30 + x^2}, a = 6 \right]$$

x	5.8000	5.9000	5.9900	5.9990	5.9999	..	a =	6	...	6.0001	6.0010	6.0100	6.1000	6.2000
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$$No4 = \left[f(x) = \frac{1 - \cos(x)}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No5 = \left[f(x) = \frac{3 - 3e^x}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No6 = [\alpha = -12, \beta = -9, \gamma = -2, \delta = 3, \varepsilon = 6]$$

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X Math@MUT XXXM6/1-6800502-00032XX
LimitExercise01 for No.14380

$$NoI = \left[f(x) = \frac{x}{x^2 + x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No2 = \left[f(x) = \frac{7x}{e^x - 1}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No3 = \left[f(x) = \frac{\cos(x) - 1}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No4 = \left[f(x) = \frac{2 - \sqrt{x}}{4 - x}, a = 4 \right]$$

x	3.8000	3.9000	3.9900	3.9990	3.9999	...	a = 4	...	4.0001	4.0010	4.0100	4.1000	4.2000
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$$No5 = \left[f(x) = \frac{-36 + x^2}{-6 + x}, a = 6 \right]$$

x	5.8000	5.9000	5.9900	5.9990	5.9999	..	a = 6	...	6.0001	6.0010	6.0100	6.1000	6.2000
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$$No6 = [\alpha = -4, \beta = 8, \gamma = 9, \delta = 10, \varepsilon = 12]$$

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X Math@MUT XXXM6/1-6800502-00033XX
LimitExercise01 for No.14393

$$NoI = \left[f(x) = \frac{1 - \cos(x)}{x}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a =	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No2 = \left[f(x) = \frac{5x}{e^x - 1}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001 ..	a =	0 ...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No3 = \left[f(x) = \frac{-28 - 3x + x^2}{-7 + x}, a = 7 \right]$$

x	6.8000	6.9000	6.9900	6.9990	6.9999	..	a = 7	...	7.0001	7.0010	7.0100	7.1000	7.2000
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$$No4 = \left[f(x) = \frac{x-36}{6-\sqrt{x}}, a = 36 \right]$$

x	35.8000	35.9000	35.9900	35.9990	35.9999	..	a = 36	...	36.0001	36.0010	36.0100	36.1000	36.2000
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$$No5 = \left[f(x) = \frac{x^2 + x}{|x|}, a = 0 \right]$$

x	-0.2000	-0.1000	-0.0100	-0.0010	-0.0001	..	a	=	0	...	0.0001	0.0010	0.0100	0.1000	0.2000
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$$No6 = [\alpha = -9, \beta = 0, \gamma = 3, \delta = 6, \varepsilon = 7]$$

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