$$
\text { Nol }=\left[\mathrm{f}(x)=\frac{x^{2}-7 x+6}{x-1}, a=1\right]
$$

$|x| 0.8000|0.9000| 0.9900|0.9990| 0.9999|\ldots| a=1|\ldots| 1.0001|1.0010| 1.0100|1.1000| 1.2000 \mid$

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

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots 10.0001| 0.0010|0.0100| 0.1000|0.2000|$

$$
\text { No3 }=\left[\mathrm{f}(x)=\frac{x}{\sin (x)}, a=0\right]
$$

$|\mathrm{x}|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| \mathrm{a}=0|\ldots 0.0001| 0.0010|0.0100| 0.1000|0.2000|$

$$
\text { No4 }=\left[\mathrm{f}(x)=\frac{\mathbf{e}^{x}-1}{x}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots 0.0001| 0.0010|0.0100| 0.1000|0.2000|$

$$
\text { No5 }=\left[\mathrm{f}(x)=\frac{4-\sqrt{x}}{16-x}, a=16\right]
$$

| x |15.8000|15.9000|15.9900|15.9990|15.9999|.. | $\mathrm{a}=16|\ldots| 16.0001|16.0010| 16.0100|16.1000| 16.2000 \mid$

$$
\text { No6 }=[\alpha=-2, \beta=2, \gamma=3, \delta=8, \varepsilon=11]
$$

x [Page = 0001] XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

LimitExercise01 for No. 9419

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

$|\mathrm{x}|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| \mathrm{a}=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

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

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
N o 3=\left[\mathrm{f}(x)=\frac{-2+x}{5 x-14+x^{2}}, a=2\right]
$$

$|\mathrm{x}| 1.8000|1.9000| 1.9900|1.9990| 1.9999|. .|a=2| \ldots| 2.0001|2.0010| 2.0100|2.1000| 2.2000 \mid$

$$
\text { No4 }=\left[\mathrm{f}(x)=\frac{3-3 \mathbf{e}^{x}}{x}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
\text { No5 }=\left[\mathrm{f}(x)=\frac{16-x}{\sqrt{x}-4}, a=16\right]
$$

| x | $15.8000|15.9000| 15.9900|15.9990| 15.9999|\ldots| a=16|\ldots .116 .0001| 16.0010|16.0100| 16.1000|16.2000|$

$$
\text { No6 }=[\alpha=-10, \beta=-9, \gamma=-3, \delta=2, \varepsilon=9]
$$

x [Page = 0002] XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

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

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots 0.0001| 0.0010|0.0100| 0.1000|0.2000|$

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

$|x| 1.8000|1.9000| 1.9900|1.9990| 1.9999|\ldots| a=21 \ldots 2.0001|2.0010| 2.0100|2.1000| 2.2000 \mid$

$$
\operatorname{No3}=\left[\mathrm{f}(x)=\frac{\sin (x)}{x}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots 0.0001| 0.0010|0.0100| 0.1000|0.2000|$

$$
\text { No4 }=\left[\mathrm{f}(x)=\frac{3-3 \mathrm{e}^{x}}{x}, a=0\right]
$$

$|\mathrm{x}|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| \mathrm{a}=0|\ldots 0.0001| 0.0010|0.0100| 0.1000|0.2000|$

$$
\text { No5 }=\left[\mathrm{f}(x)=\frac{\sqrt{x}-7}{x-49}, a=49\right]
$$

$|x| 48.8000|48.9000| 48.9900|48.9990| 48.9999|\ldots| a=49|\ldots| 49.0001|49.0010| 49.0100|49.1000| 49.2000 \mid$

$$
\text { No6 }=[\alpha=-6, \beta=-2, \gamma=3, \delta=5, \varepsilon=6]
$$



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

$|\mathrm{x}|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| \mathrm{a}=0|\ldots 0.0001| 0.0010|0.0100| 0.1000|0.2000|$

$$
N o 2=\left[\mathrm{f}(x)=\frac{3 \mathbf{e}^{x}-3}{x}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots 0.0001| 0.0010|0.0100| 0.1000|0.2000|$

$$
\text { No3 }=\left[\mathrm{f}(x)=\frac{-5+x}{35-12 x+x^{2}}, a=5\right]
$$



$$
\text { No4 }=\left[\mathrm{f}(x)=\frac{3|x|}{x^{2}+3 x}, a=0\right]
$$

$|\mathrm{x}|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| \mathrm{a}=0|\ldots 0.0001| 0.0010|0.0100| 0.1000|0.2000|$

$$
N o 5=\left[\mathrm{f}(x)=\frac{\sqrt{x}-2}{4-x}, a=4\right]
$$

$1 \mathrm{x}|3.8000| 3.9000|3.9900| 3.9990 \mid$

$$
3.9999|\ldots| a=4|\ldots| 4.0001|4.0010| 4.0100|4.1000| 4.2000 \mid
$$

$$
\text { No6 }=[\alpha=-8, \beta=-1, \gamma=4, \delta=5, \varepsilon=11]
$$

x [Page = 0004] XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

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

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
N o 2=\left[\mathrm{f}(x)=\frac{7 x}{\mathbf{e}^{x}-1}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots 0.0001| 0.0010|0.0100| 0.1000|0.2000|$

$$
\text { No3 }=\left[\mathrm{f}(x)=\frac{-8 x+12+x^{2}}{-2+x}, a=2\right]
$$



$$
\text { No4 }=\left[\mathrm{f}(x)=\frac{\sqrt{x}-5}{25-x}, a=25\right]
$$

$|\mathrm{x}| 24.8000|24.9000| 24.9900|24.9990| 24.9999|\ldots| \mathrm{a}=25|\ldots .|25.0001| 25.0010| 25.0100|25.1000| 25.2000 \mid$

$$
\text { No } 5=\left[\mathrm{f}(x)=\frac{x}{\sin (x)}, a=0\right]
$$

$$
|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots 0.0001| 0.0010|0.0100| 0.1000|0.2000|
$$

$$
\text { No6 }=[\alpha=-3, \beta=-1, \gamma=2, \delta=3, \varepsilon=6]
$$



LimitExercise01 for No. 9491

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

$|\mathrm{x}| 5.8000|5.9000| 5.9900|5.9990| 5.9999|\ldots| a=6|\ldots| 6.0001|6.0010| 6.0100|6.1000| 6.2000 \mid$

$$
N o 2=\left[\mathrm{f}(x)=\frac{\sqrt{x}-7}{x-49}, a=49\right]
$$

| $\mathrm{x}|48.8000| 48.9000|48.9900| 48.9990|48.9999| \ldots|a=49| \ldots|49.0001| 49.0010|49.0100| 49.1000|49.2000|$

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

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$ No4 $=\left[\mathrm{f}(x)=\frac{\sin (x)}{x}, a=0\right]$
$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$
No5 $=\left[\mathrm{f}(x)=\frac{4 x}{\mathbf{e}^{x}-1}, a=0\right]$
$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
\text { No6 }=[\alpha=-12, \beta=-4, \gamma=2, \delta=6, \varepsilon=12]
$$

x [Page = 0006] Xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

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

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
\text { No2 }=\left[\mathrm{f}(x)=\frac{6|x|}{x^{2}+2 x}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
\text { No3 }=\left[\mathrm{f}(x)=\frac{12-7 x+x^{2}}{-3+x}, a=3\right]
$$

$|\mathrm{x}| 2.8000|2.9000| 2.9900|2.9990| 2.9999|\ldots| a=3|\ldots 3.0001| 3.0010|3.0100| 3.1000|3.2000|$

$$
\text { No4 }=\left[\mathrm{f}(x)=\frac{\sin (x)}{x}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
N o 5=\left[\mathrm{f}(x)=\frac{-4+x}{\sqrt{x}-2}, a=4\right]
$$

| x | 3.8000| 3.9000|3.9900|3.9990|
3.9999|.. |a $=4|\ldots| 4.0001|4.0010| 4.0$
4.01001
4.10001
4.20001

$$
\text { No6 }=[\alpha=-3, \beta=-1, \gamma=3, \delta=10, \varepsilon=12]
$$

x [Page = 0007] xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

$$
\text { Nol }=\left[\mathrm{f}(x)=\frac{x-6}{-3 x+x^{2}-18}, a=6\right]
$$

$|\mathrm{x}| 5.8000|5.9000| 5.9900|5.9990| 5.9999|\ldots| a=6|\ldots| 6.0001|6.0010| 6.0100|6.1000| 6.2000 \mid$

$$
N o 2=\left[\mathrm{f}(x)=\frac{7 x}{1-\mathrm{e}^{x}}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
\text { No3 }=\left[\mathrm{f}(x)=\frac{\cos (x)-1}{x}, a=0\right]
$$

$\mathrm{x}|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001| \ldots|a=0| \ldots 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$|x| 8.8000|8.9000| 8.9900|8.9990| 8.9999|. .|a=9| \ldots| 9.001|9.0010| 9.0100|9.1000| 9.2000 \mid$

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

$$
|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid
$$

$$
\text { No6 }=[\alpha=-11, \beta=-8, \gamma=-1, \delta=4, \varepsilon=10]
$$

X [Page = 0008] XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX


$$
\text { No6 }=[\alpha=-6, \beta=-1, \gamma=0, \delta=2, \varepsilon=10]
$$

x [Page = 0009] xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

LimitExercise01 for No. 10143

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

$|\mathrm{x}| 48.8000|48.9000| 48.9900|48.9990| 48.9999|. .|\mathrm{a}=49| \ldots .|49.0001| 49.0010| 49.0100|49.1000| 49.2000 \mid$

$$
N o 2=\left[\mathrm{f}(x)=\frac{4 \mathbf{e}^{x}-4}{x}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
\text { No3 }=\left[\mathrm{f}(x)=\frac{\cos (x)-1}{x}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
N o 4=\left[\mathrm{f}(x)=\frac{9 x}{\left|x^{2}+3 x\right|}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
\text { No5 }=\left[\mathrm{f}(x)=\frac{x-6}{x^{2}+x-42}, a=6\right]
$$

| x | 5.8000| 5.9000|5.9900|5.9990|

$$
5.9999|\ldots| a=6|\ldots| 6.0001|6.0010|
$$

6.01001
6.10001
6.20001

$$
N o 6=[\alpha=-11, \beta=-8, \gamma=2, \delta=3, \varepsilon=10]
$$

x [Page = 0010] xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

$$
\text { Nol }=\left[\mathrm{f}(x)=\frac{5-5 \mathrm{e}^{x}}{x}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
\text { No2 } 2=\left[\mathrm{f}(x)=\frac{3 x-28+x^{2}}{-4+x}, a=4\right]
$$



$$
\text { No3 }=\left[\mathrm{f}(x)=\frac{\cos (x)-1}{x}, a=0\right]
$$

$|\mathrm{x}|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

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

$|\mathrm{x}|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
N o 5=\left[\mathrm{f}(x)=\frac{-4+x}{\sqrt{x}-2}, a=4\right]
$$

| x | 3.8000| 3.9000| 3.9900| 3.9990|
3.9999|.. $|a=4| \ldots|4.0001| 4.0010 \mid$
4.01001
4.10001
4.20001

$$
\text { No6 }=[\alpha=-12, \beta=-4, \gamma=-2, \delta=1, \varepsilon=3]
$$

x [Page = 0011] xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

$$
N o l=\left[\mathrm{f}(x)=\frac{5-5 \mathrm{e}^{x}}{x}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
N o 2=\left[\mathrm{f}(x)=\frac{64-x}{8-\sqrt{x}}, a=64\right]
$$

| x | $63.8000|63.9000| 63.9900|63.9990| 63.9999|\ldots| a=64|\ldots .164 .0001| 64.0010|64.0100| 64.1000|64.2000|$

$$
\text { No3 }=\left[\mathrm{f}(x)=\frac{1-\cos (x)}{x}, a=0\right]
$$

$|\mathrm{x}|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|. \mathrm{I}| \mathrm{a}=0|\ldots .|0.0001| 0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
N o 4=\left[\mathrm{f}(x)=\frac{6 x}{\left|x^{2}+2 x\right|}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
\text { No5 }=\left[\mathrm{f}(x)=\frac{-7+x}{-14-5 x+x^{2}}, a=7\right]
$$

$|\mathrm{x}| 6.8000|6.9000| 6.9900|6.9990| 6.9999|\ldots| a=7|\ldots| 7.0001|7.0010| 7.0100|7.1000| 7.2000 \mid$

$$
\text { No6 }=[\alpha=-4, \beta=-3, \gamma=-1, \delta=7, \varepsilon=8]
$$

x [Page = 0012] xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

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

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots 10.0001| 0.0010|0.0100| 0.1000|0.2000|$

$$
\text { No2 }=\left[\mathrm{f}(x)=\frac{5 \mathrm{e}^{x}-5}{x}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
\text { No3 }=\left[\mathrm{f}(x)=\frac{-10 x+x^{2}+24}{x-6}, a=6\right]
$$

$|x| 5.8000|5.9000| 5.9900|5.9990| 5.9999|\ldots| a=6|\ldots| 6.0001|6.0010| 6.0100|6.1000| 6.2000 \mid$

$$
\text { No4 }=\left[\mathrm{f}(x)=\frac{4|x|}{x^{2}+2 x}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots 0.0001| 0.0010|0.0100| 0.1000|0.2000|$

$$
\text { No5 }=\left[\mathrm{f}(x)=\frac{5-\sqrt{x}}{25-x}, a=25\right]
$$

$|x| 24.8000|24.9000| 24.9900|24.9990| 24.9999|\ldots| a=25|\ldots| 25.0001|25.0010| 25.0100|25.1000| 25.2000 \mid$

$$
\text { No6 }=[\alpha=3, \beta=4, \gamma=5, \delta=6, \varepsilon=9]
$$

x [Page = 0013] xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

$$
\text { Nol }=\left[\mathrm{f}(x)=\frac{16-x}{\sqrt{x}-4}, a=16\right]
$$

$|\mathrm{x}| 15.8000|15.9000| 15.9900|15.9990| 15.9999|. .|\mathrm{a}=16| \ldots| 16.0001|16.0010| 16.0100|16.1000| 16.2000 \mid$

$$
N o 2=\left[\mathrm{f}(x)=\frac{-3+x}{15-8 x+x^{2}}, a=3\right]
$$

$$
|x| 2.8000|2.9000| 2.9900|2.9990| 2.9999|\ldots| a=3|\ldots| 3.0001|3.0010| 3.0100|3.1000| 3.2000 \mid
$$

$$
\text { No3 }=\left[\mathrm{f}(x)=\frac{\cos (x)-1}{x}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
\text { No4 }=\left[\mathrm{f}(x)=\frac{x^{2}+3 x}{|x|}, a=0\right]
$$

$|\mathrm{x}|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
\text { No5 }=\left[\mathrm{f}(x)=\frac{4 \mathbf{e}^{x}-4}{x}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
N o 6=[\alpha=-12, \beta=-10, \gamma=0, \delta=7, \varepsilon=9]
$$

x [Page = 0014] XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

$$
\text { Nol }=\left[\mathrm{f}(x)=\frac{16-x}{4-\sqrt{x}}, a=16\right]
$$

$|\mathrm{x}| 15.8000|15.9000| 15.9900|15.9990| 15.9999|\ldots| a=16|\ldots .116 .0001| 16.0010|16.0100| 16.1000|16.2000|$

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

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
N o 3=\left[\mathrm{f}(x)=\frac{3 x}{\mathbf{e}^{x}-1}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

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

| $\mathrm{x}|1.8000| 1.9000|1.9900| 1.9990|1.9999| . .|a=2| \ldots|2.0001| 2.0010|2.0100| 2.1000|2.2000|$

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

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
\text { No6 }=[\alpha=-12, \beta=-10, \gamma=-2, \delta=6, \varepsilon=12]
$$

x [Page = 0015] XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

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

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

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

$|\mathrm{x}| 2.8000|2.9000| 2.9900|2.9990| 2.9999|\ldots| a=3|\ldots| 3.0001|3.0010| 3.0100|3.1000| 3.2000 \mid$

$$
\text { No3 }=\left[\mathrm{f}(x)=\frac{1-\cos (x)}{x}, a=0\right]
$$

| $\mathrm{x}|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001| \ldots|\mathrm{a}=0| \ldots|0.0001| 0.0010|0.0100| 0.1000|0.2000|$

$$
\text { No4 }=\left[\mathrm{f}(x)=\frac{\sqrt{x}-1}{x-1}, a=1\right]
$$

$|\mathrm{x}| 0.8000|0.9000| 0.9900|0.9990| 0.9999|\ldots| a=1|\ldots| 1.0001|1.0010| 1.0100|1.1000| 1.2000 \mid$

$$
\text { No5 }=\left[\mathrm{f}(x)=\frac{4 \mathrm{e}^{x}-4}{x}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
\text { No6 }=[\alpha=-11, \beta=-10, \gamma=-1, \delta=0, \varepsilon=7]
$$

x [Page = 0016] XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

$$
\text { NoI }=\left[\mathrm{f}(x)=\frac{4|x|}{x^{2}+2 x}, a=0\right]
$$

$|\mathrm{x}|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| \mathrm{a}=0|\ldots 0.0001| 0.0010|0.0100| 0.1000|0.2000|$

$$
N o 2=\left[\mathrm{f}(x)=\frac{\mathbf{e}^{x}-1}{x}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots 0.0001| 0.0010|0.0100| 0.1000|0.2000|$

$$
N o 3=\left[\mathrm{f}(x)=\frac{1-\cos (x)}{x}, a=0\right]
$$

$|\mathrm{x}|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| \mathrm{a}=0|\ldots 0.0001| 0.0010|0.0100| 0.1000|0.2000|$

$$
\text { No4 }=\left[\mathrm{f}(x)=\frac{\sqrt{x}-7}{49-x}, a=49\right]
$$

$|x| 48.8000|48.9000| 48.9900|48.9990| 48.9999|\ldots| a=49|\ldots| 49.0001|49.0010| 49.0100|49.1000| 49.2000 \mid$

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

$$
|x| 4.8000|4.9000| 4.9900|4.9990| 4.9999|\ldots| a=5|\ldots 5.0001| 5.0010|5.0100| 5.1000|5.2000|
$$

$$
\text { No6 }=[\alpha=-4, \beta=-3, \gamma=-2, \delta=3, \varepsilon=8]
$$

X [Page $=0017]$ XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

$$
\text { Nol }=\left[\mathrm{f}(x)=\frac{64-x}{8-\sqrt{x}}, a=64\right]
$$

$|\mathrm{x}| 63.8000|63.9000| 63.9900|63.9990| 63.9999|\ldots| \mathrm{a}=64|\ldots .164 .0001| 64.0010|64.0100| 64.1000|64.2000|$

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

$|\mathrm{x}|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| \mathrm{a}=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

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

$|\mathrm{x}|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| \mathrm{a}=0|\ldots \mathrm{I}=0.0001| 0.0010|0.0100| 0.1000|0.2000|$

$$
\text { No4 }=\left[\mathrm{f}(x)=\frac{1-\cos (x)}{x}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
\text { No5 }=\left[\mathrm{f}(x)=\frac{x^{2}-x-30}{x-6}, a=6\right]
$$

| x | 5.8000| 5.9000|5.9900|5.9990|

$$
5.9999|\ldots| a=6|\ldots| 6.0001|6.0010|
$$

6.20001

$$
\text { No6 }=[\alpha=-6, \beta=0, \gamma=2, \delta=3, \varepsilon=5]
$$

x [Page = 0018] xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

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

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
\text { No2 }=\left[\mathrm{f}(x)=\frac{36-x}{6-\sqrt{x}}, a=36\right]
$$

$|\mathrm{x}| 35.8000|35.9000| 35.9900|35.9990| 35.9999|\ldots| a=36|\ldots| 36.0001|36.0010| 36.0100|36.1000| 36.2000 \mid$

$$
N o 3=\left[\mathrm{f}(x)=\frac{1-\cos (x)}{x}, a=0\right]
$$

$|\mathrm{x}|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| \mathrm{a}=0|\ldots 0.0001| 0.0010|0.0100| 0.1000|0.2000|$

$$
N o 4=\left[\mathrm{f}(x)=\frac{3 x}{\left|x^{2}+3 x\right|}, a=0\right]
$$

$|\mathrm{x}|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| \mathrm{a}=0|\ldots 0.0001| 0.0010|0.0100| 0.1000|0.2000|$

$$
\text { No5 }=\left[\mathrm{f}(x)=\frac{x-1}{x^{2}+6 x-7}, a=1\right]
$$

$|x| 0.8000|0.9000| 0.9900|0.9990| 0.9999|\ldots| a=1|\ldots 1.0001| 1.0010|1.0100| 1.1000|1.2000|$

$$
\text { No6 }=[\alpha=-11, \beta=-10, \gamma=-4, \delta=0, \varepsilon=11]
$$

x [Page = 0019] XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

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

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots 0.0001| 0.0010|0.0100| 0.1000|0.2000|$

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

$|\mathrm{x}|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| \mathrm{a}=0|\ldots 10.0001| 0.0010|0.0100| 0.1000|0.2000|$

$$
N o 3=\left[\mathrm{f}(x)=\frac{\cos (x)-1}{x}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
\text { No4 }=\left[\mathrm{f}(x)=\frac{x-20+x^{2}}{-4+x}, a=4\right]
$$

$|\mathrm{x}| 3.8000|3.9000| 3.9900|3.9990| 3.9999|\ldots| \mathrm{a}=4|\ldots 14.0001| 4.0010|4.0100| 4.1000|4.2000|$

$$
\text { No5 }=\left[\mathrm{f}(x)=\frac{6-\sqrt{x}}{x-36}, a=36\right]
$$

$|x| 35.8000|35.9000| 35.9900|35.9990| 35.9999|\ldots| a=36|\ldots| 36.0001|36.0010| 36.0100|36.1000| 36.2000 \mid$

$$
\text { No6 }=[\alpha=-12, \beta=-4, \gamma=-2, \delta=0, \varepsilon=5]
$$

x [Page = 0020] XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

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

$|\mathrm{x}|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| \mathrm{a}=0|\ldots 0.0001| 0.0010|0.0100| 0.1000|0.2000|$

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

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
\text { No3 }=\left[\mathrm{f}(x)=\frac{x-6}{-2 x+x^{2}-24}, a=6\right]
$$

\| $\mathrm{x}|5.8000| 5.9000|5.9900| 5.9990|5.9999| \ldots|a=6| \ldots 6.160016 .0010|6.0100| 6.1000|6.2000|$

$|x| 3.8000|3.9000| 3.9900|3.9990| 3.9999|\ldots| a=4|\ldots| 4.0001|4.0010| 4.0100|4.1000| 4.2000 \mid$

$$
N o 5=\left[\mathrm{f}(x)=\frac{3 \mathbf{e}^{x}-3}{x}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010|$
0.01001
0.10001
0.20001

$$
\text { No6 }=[\alpha=-11, \beta=-4, \gamma=6, \delta=7, \varepsilon=12]
$$

x [Page = 0021] XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

$$
\text { Nol }=\left[\mathrm{f}(x)=\frac{\sqrt{x}-8}{x-64}, a=64\right]
$$

| x | $63.8000|63.9000| 63.9900|63.9990| 63.9999|. .|a=64| \ldots .|64.0001| 64.0010| 64.0100|64.1000| 64.2000 \mid$

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

$|\mathrm{x}|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| \mathrm{a}=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
N o 3=\left[\mathrm{f}(x)=\frac{-3+x}{15-8 x+x^{2}}, a=3\right]
$$

$|x| 2.8000|2.9000| 2.9900|2.9990| 2.9999|\ldots| a=3|\ldots| 3.0001|3.0010| 3.0100|3.1000| 3.2000 \mid$

$$
\text { No4 }=\left[\mathrm{f}(x)=\frac{\cos (x)-1}{x}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
\text { No5 }=\left[\mathrm{f}(x)=\frac{2 x}{\mathbf{e}^{x}-1}, a=0\right]
$$

$|x|-0.2000|-0.1000|-0.0100|-0.0010|-0.0001|\ldots| a=0|\ldots| 0.0001|0.0010| 0.0100|0.1000| 0.2000 \mid$

$$
\text { No6 }=[\alpha=-11, \beta=-10, \gamma=-4, \delta=-3, \varepsilon=8]
$$

X [Page = 0022] XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

##  [ $>$

