$$
\begin{aligned}
& N o 01=\left[\begin{array}{c}
.1=\{(6, s),(2, e),(1, r),(9, a),(7, s)\} \\
.2=\{(d, 10),(b, 4),(e, 8),(b, 3),(c, 4)\} \\
.3=\left(y=3 x^{2}+2\right) \\
.4=\left(x=3 y^{2}+2\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-4,-1,0,1,3,4\} \\
.1=(\mathrm{f}(x)=\sqrt{x+12}) \\
.2=\left(\mathrm{f}(x)=2 x^{2}+5\right)
\end{array}\right] \\
& \text { No03 }=\left[\begin{array}{c}
\mathrm{f}(x)=\left[\begin{array}{cc}
-1 & ; \\
x+1 & ; \\
-2<=-2 \\
-2 x+5 & ; \\
{[\alpha>2}
\end{array}\right] \\
{[\alpha=-\sqrt{22}, \beta=-2, \gamma=0, \delta=2, \varepsilon=4, a=2+h, b=2]}
\end{array}\right], \quad, N o 04=\left[\begin{array}{c}
.1=(x=y-3) \\
.2=\left(y^{2}=-2+x\right)
\end{array}\right] \\
& \text { No05 }=\left[\begin{array}{c}
.1=\frac{1}{3 x-6} \\
.2=2 x^{2}+1 \\
.3=-\sqrt{x+1} \\
.4=\sqrt{-x}
\end{array}\right], \quad, \text { No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=7-x^{2} \\
\mathrm{D}_{f}=\{x \mid-8<x<9\}
\end{array}\right]
\end{aligned}
$$

[^0]\[

$$
\begin{aligned}
& N o 01=\left[\begin{array}{c}
.1=\{(e, 4),(t, 10),(c, 9),(c, 4),(r, 5)\} \\
.2=\{(5, t),(6, r),(7, e),(8, e),(2, d)\} \\
.3=\left(y=4 x^{2}-5\right) \\
.4=\left(x=4 y^{2}-5\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-5,-3,0,2,3,5\} \\
.1=\left(\mathrm{f}(x)=4 x^{2}-5\right) \\
.2=(\mathrm{f}(x)=\sqrt{x+14})
\end{array}\right] \\
& \text { No03 }=\left[\begin{array}{c}
\mathrm{f}(x)=\left[\begin{array}{ccc}
2 x-2 & ; & x<-2 \\
-x+4 & ; & -2<x<2 \\
2 & ; & x>=2
\end{array}\right] \\
{[\alpha=-4, \beta=-2, \gamma=-1, \delta=2, \varepsilon=2 \sqrt{6}, a=2+h, b=2]}
\end{array}\right] \text {, } \\
& \text { No05 }=\left[\begin{array}{c}
.1=-\sqrt{x-3} \\
.2=\sqrt{-x} \\
.3=-x^{2}+1 \\
.4=\frac{1}{2}
\end{array}\right], \quad, \text { No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=12-x^{2} \\
\mathrm{D}_{f}=\{x \mid-3<x<4\}
\end{array}\right]
\end{aligned}
$$
\]

[^1]Function01 for No. 9821

$$
\begin{aligned}
& N o 01=\left[\begin{array}{c}
.1=\{(a, 10),(e, 8),(e, 3),(r, 4),(d, 3)\} \\
.2=\{(r, 2),(d, 3),(c, 8),(t, 7),(b, 7)\} \\
.3=\left(y=6 x^{2}+5\right) \\
.4=\left(x=6 y^{2}+5\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-5,-2,-1,0,1,2\} \\
.1=(\mathrm{f}(x)=\sqrt{x+11}) \\
.2=\left(\mathrm{f}(x)=3 x^{2}+5\right)
\end{array}\right] \\
& \text { No03 }=\left[\begin{array}{ccc}
2 x-3 & ; & x<-3 \\
2 & ; & -3<=x<2 \\
-x+4 & ; & x>=2
\end{array}\right] \quad, \quad \text { No04 }=\left[\begin{array}{c}
.1=(x=-y+2) \\
.2=\left(x^{2}=2 y+1\right)
\end{array}\right] \\
& \text { No05 }=\left[\begin{array}{c}
.1=-3 x^{2}+2 \\
.2=\frac{1}{4 x-8} \\
.3=\sqrt{x} \\
.4=-\sqrt{2+x}
\end{array}\right], \\
& \text {,No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=9-x^{2} \\
\mathrm{D}_{f}=\{x \mid-5<x<3\}
\end{array}\right]
\end{aligned}
$$

[^2]\[

$$
\begin{aligned}
& \text { No01 }=\left[\begin{array}{c}
.1=\{(10, a),(2, e),(1, p),(1, b),(6, b)\} \\
.2=\{(r, 5),(p, 7),(t, 9),(s, 2),(e, 7)\} \\
.3=\left(x=6 y^{2}-5\right) \\
.4=\left(y=6 x^{2}-5\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-5,-3,0,3,4,5\} \\
.1=(\mathrm{f}(x)=\sqrt{x+12}) \\
.2=\left(\mathrm{f}(x)=5 x^{2}+2\right)
\end{array}\right] \\
& \text { No03 }=\left[\begin{array}{ccc}
-6 & ; & x<-4 \\
2 x+2 & ; & -4<x<=4 \\
-x-5 & ; & x>4
\end{array}\right] \quad, \quad \text { No04 }=\left[\begin{array}{l}
.1=(2 x+2 y=2) \\
.2=\left(x^{2}=3 y+1\right)
\end{array}\right] \\
& \text { No05 }=\left[\begin{array}{c}
.1=\sqrt{x} \\
.2=\frac{1}{2 x-4} \\
.3=x^{2}+2 \\
.4=-\sqrt{2+x}
\end{array}\right], \quad, \text { No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=-12+x^{2} \\
\mathrm{D}_{f}=\{x \mid-6<x<8\}
\end{array}\right]
\end{aligned}
$$
\]

[^3]\[

$$
\begin{aligned}
& \text { No01 }=\left[\begin{array}{c}
.1=\{(e, 6),(c, 10),(p, 9),(e, 10),(r, 7)\} \\
.2=\{(a, 10),(p, 8),(t, 1),(e, 2),(b, 10)\} \\
.3=\left(y=5 x^{2}-2\right) \\
.4=\left(x=5 y^{2}-2\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-3,-2,-1,0,1,2\} \\
.1=(\mathrm{f}(x)=\sqrt{x+12}) \\
.2=\left(\mathrm{f}(x)=2 x^{2}-5\right)
\end{array}\right] \\
& N o 03=\left[\begin{array}{c}
\mathrm{f}(x)=\left[\begin{array}{ccc}
2 x+3 & ; & x<-3 \\
0 & ; & -3<=x<2 \\
2-x & ; & x>=2
\end{array}\right] \\
{[\alpha=-4, \beta=-3, \gamma=-\sqrt{2}, \delta=2, \varepsilon=4, a=2+h, b=2]}
\end{array}\right], \\
& \text { No05 }=\left[\begin{array}{c}
.1=\sqrt{x} \\
.2=\frac{1}{4 x+12} \\
.3=3 x^{2}+1 \\
.4=-\sqrt{x-1}
\end{array}\right], \quad, \text { No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=x^{2}-13 \\
\mathrm{D}_{f}=\{x \mid-7<x<9\}
\end{array}\right]
\end{aligned}
$$
\]

[^4]\[

$$
\begin{gathered}
N o 01=\left[\begin{array}{c}
.1=\{(b, 5),(p, 5),(t, 10),(a, 4),(r, l)\} \\
.2=\{(e, 2),(e, 5),(d, 5),(r, 9),(p, 6)\} \\
.3=\left(x=5 y^{2}+3\right) \\
.4=\left(y=5 x^{2}+3\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-5,-4,-1,0,1,5\} \\
.1=\left(\mathrm{f}(x)=5 x^{2}-6\right) \\
.2=(\mathrm{f}(x)=\sqrt{x+15})
\end{array}\right] \\
N o 03=\left[\begin{array}{c}
-2 x+5 \quad ; \quad x<-4 \\
x+1 \quad ; \quad-4<x<4 \\
5 \\
\mathrm{f}(x)=\left[\begin{array}{c}
x>4
\end{array}\right] \\
{[\alpha=-7, \beta=-4, \gamma=0, \delta=4, \varepsilon=2 \sqrt{5}, a=4+h, b=4]}
\end{array}\right], \quad, N o 04=\left[\begin{array}{c}
.1=\left(y^{2}-x-1=0\right) \\
.2=(2 x-3 y=2)
\end{array}\right] \\
N o 05=\left[\begin{array}{c}
.1=-\sqrt{-2+x} \\
.2=-x^{2}-1 \\
.3=\sqrt{x} \\
.4=\frac{1}{3 x+3}
\end{array}\right], \quad N o 06=\left[\begin{array}{c}
\mathrm{f}(x)=-12+x^{2} \\
\mathrm{D}_{f}=\{x \mid-6<x<5\}
\end{array}\right]
\end{gathered}
$$
\]

[^5]\[

$$
\begin{aligned}
& N o 01=\left[\begin{array}{c}
.1=\{(d, 2),(e, 3),(c, 6),(r, 9),(d, 6)\} \\
.2=\{(2, c),(1, p),(9, d),(8, e),(10, e)\} \\
.3=\left(x=5 y^{2}+4\right) \\
.4=\left(y=5 x^{2}+4\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-4,-3,0,1,3,4\} \\
.1=(\mathrm{f}(x)=\sqrt{x+13}) \\
.2=\left(\mathrm{f}(x)=2 x^{2}-5\right)
\end{array}\right] \\
& \text { No03 }=\left[\begin{array}{ccc}
2 x-1 & ; & x<-2 \\
-5 & ; & -2<x<2 \\
-3-x & ; & x>2
\end{array}\right] \quad, \quad \text { No04 }=\left[\begin{array}{c}
.1=\left(y^{2}+3 x-1=0\right) \\
.2=(y=-2 x+3)
\end{array}\right] \\
& \text { No05 }=\left[\begin{array}{c}
.1=3 x^{2}-2 \\
.2=-\sqrt{x+1} \\
.3=\sqrt{x} \\
.4=\frac{1}{4 x+4}
\end{array}\right], \quad, \text { No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=x^{2}-11 \\
\mathrm{D}_{f}=\{x \mid-3<x<7\}
\end{array}\right]
\end{aligned}
$$
\]

[^6]\[

$$
\begin{aligned}
& N o 01=\left[\begin{array}{c}
.1=\{(9, t),(2, p),(5, d),(1, r),(7, t)\} \\
.2=\{(t, 5),(p, 3),(t, 8),(b, l),(e, 8)\} \\
.3=\left(x=3 y^{2}+5\right) \\
.4=\left(y=3 x^{2}+5\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-3,-2,0,1,2,3\} \\
.1=(\mathrm{f}(x)=\sqrt{x+15}) \\
.2=\left(\mathrm{f}(x)=3 x^{2}-5\right)
\end{array}\right] \\
& \text { No03 }=\left[\begin{array}{c}
-x(x)=\left[\begin{array}{cc}
-x-1 & ; \\
2 x+5 & ; \\
2<-3<x<4 \\
13 & ;
\end{array}\right] x>=4
\end{array}\right] \quad, \quad \text { No04 }=\left[\begin{array}{c}
.1=\left(y^{2}+2 x+1=0\right) \\
.2=(x=-y+3)
\end{array}\right] \\
& [\alpha=-6, \beta=-3, \gamma=0, \delta=4, \varepsilon=\sqrt{21}, a=4+h, b=4]] \\
& \text { No05 }=\left[\begin{array}{c}
.1=2 x^{2}+1 \\
.2=\sqrt{-x} \\
.3=-\sqrt{2+x} \\
.4=\frac{1}{2 x-6}
\end{array}\right],
\end{aligned}
$$
\]

[^7]\[

$$
\begin{aligned}
& N o 01=\left[\begin{array}{c}
.1=\{(t, 7),(b, 5),(e, 2),(r, 4),(d, 7)\} \\
.2=\{(e, 4),(p, 4),(t, l),(p, 9),(c, 7)\} \\
.3=\left(x=5 y^{2}+6\right) \\
.4=\left(y=5 x^{2}+6\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-4,-3,-2,0,2,3\} \\
.1=\left(\mathrm{f}(x)=3 x^{2}+4\right) \\
.2=(\mathrm{f}(x)=\sqrt{x+11})
\end{array}\right] \\
& \mathrm{No} 03=\left[\begin{array}{ccc}
2 x+5 & ; & x<-2 \\
-x-1 & ; & -2<=x<=4 \\
-5 & ; & x>4
\end{array}\right] \quad, N o 04=\left[\begin{array}{c}
.1=(x+3 y=1) \\
.2=\left(y^{2}+2 x-3=0\right)
\end{array}\right] \\
& \begin{aligned}
=-2, \gamma= & , \delta=4, \varepsilon=2 \sqrt{6} \\
\text { No05 } & =\left[\begin{array}{c}
.1=-3 x^{2}-1 \\
.2=\sqrt{x-3} \\
.3=\frac{1}{3 x+9} \\
.4=-\sqrt{x}
\end{array}\right],
\end{aligned} \\
& \text {,No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=x^{2}-8 \\
\mathrm{D}_{f}=\{x \mid-7<x<3\}
\end{array}\right]
\end{aligned}
$$
\]

X [Page = 0009] xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

$$
\begin{aligned}
& N o 01=\left[\begin{array}{c}
.1=\{(c, 2),(r, 6),(d, 6),(r, 5),(s, 8)\} \\
.2=\{(2, c),(7, e),(3, p),(6, r),(4, c)\} \\
.3=\left(x=5 y^{2}-2\right) \\
.4=\left(y=5 x^{2}-2\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-5,-4,-1,0,4,5\} \\
.1=\left(\mathrm{f}(x)=5 x^{2}+2\right) \\
.2=(\mathrm{f}(x)=\sqrt{x+13})
\end{array}\right]
\end{aligned}
$$

$$
\begin{aligned}
& \text { No05 }=\left[\begin{array}{c}
.1=-\sqrt{x} \\
.2=\sqrt{x-3} \\
.3=2 x^{2}+3 \\
4=\frac{1}{2 x+4}
\end{array}\right], \quad, \text { No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=9-x^{2} \\
\mathrm{D}_{f}=\{x \mid-9<x<4\}
\end{array}\right]
\end{aligned}
$$

[^8]\[

$$
\begin{aligned}
& N o 01=\left[\begin{array}{c}
.1=\{(c, 4),(b, 7),(b, 3),(t, 7),(a, 2)\} \\
.2=\{(5, a),(3, s),(6, b),(8, e),(1, s)\} \\
3=\left(y=2 x^{2}-3\right) \\
.4=\left(x=2 y^{2}-3\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-5,-4,-1,0,4,5\} \\
.1=(\mathrm{f}(x)=\sqrt{x+11}) \\
.2=\left(\mathrm{f}(x)=5 x^{2}+3\right)
\end{array}\right] \\
& N o 03=\left[\begin{array}{c}
-2 x+3 \quad ; \quad x<-2 \\
1 \quad ; \quad-2<=x<3 \\
-2+x \\
\left.\mathrm{f}(x)=\begin{array}{c}
x>=3
\end{array}\right] \\
{[\alpha=-5, \beta=-2, \gamma=\sqrt{3}, \delta=3, \varepsilon=6, a=3+h, b=3]}
\end{array}\right], \quad, N o 04=\left[\begin{array}{l}
.1=(3 x-2 y=3) \\
.2=\left(x^{2}=-2 y-1\right)
\end{array}\right] \\
& N N 005=\left[\begin{array}{c}
.1=-\sqrt{x} \\
.2=\sqrt{2+x} \\
.3=2 x^{2}-3 \\
.4=\frac{1}{2 x+4}
\end{array}\right], \quad N o 06=\left[\begin{array}{c}
\mathrm{f}(x)=-x^{2}+13 \\
\mathrm{D}_{f}=\{x \mid-5<x<7\}
\end{array}\right]
\end{aligned}
$$
\]

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Function01 for No. 12122

$$
\begin{aligned}
& \text { No01 }=\left[\begin{array}{c}
.1=\{(8, p),(2, a),(3, t),(7, a),(9, c)\} \\
.2=\{(6, a),(9, a),(6, s),(3, e),(2, t)\} \\
.3=\left(y=5 x^{2}+3\right) \\
.4=\left(x=5 y^{2}+3\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-5,-4,-2,0,4,5\} \\
.1=\left(\mathrm{f}(x)=4 x^{2}-5\right) \\
.2=(\mathrm{f}(x)=\sqrt{x+15)}
\end{array}\right] \\
& N o 03=\left[\begin{array}{c}
\mathrm{f}(x)=\left[\begin{array}{ccc}
13 & ; & x<=-4 \\
-2 x+5 & ; & -4<x<3 \\
x-1 & ; & x>=3
\end{array}\right] \\
{[\alpha=-2 \sqrt{5}, \beta=-4, \gamma=0, \delta=3, \varepsilon=6, a=3+h, b=3]}
\end{array}\right], \quad, \text { No04 }=\left[\begin{array}{l}
.1=\left(y^{2}=3 x+2\right) \\
.2=(x+2 y=1)
\end{array}\right] \\
& \text { No05 }=\left[\begin{array}{c}
.1=-\sqrt{-x} \\
.2=\frac{1}{3 x+9} \\
.3=\sqrt{x+1} \\
.4=x^{2}+2
\end{array}\right], \quad, \text { No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=x^{2}-11 \\
\mathrm{D}_{f}=\{x \mid-9<x<5\}
\end{array}\right]
\end{aligned}
$$

[^9]\[

$$
\begin{aligned}
& \text { No01 }=\left[\begin{array}{c}
.1=\{(s, 4),(d, 9),(c, 7),(t, 9),(r, l)\} \\
.2=\{(1, e),(6, r),(10, t),(1, s),(8, s)\} \\
.3=\left(y=5 x^{2}+6\right) \\
.4=\left(x=5 y^{2}+6\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-5,-2,0,2,4,5\} \\
.1=\left(\mathrm{f}(x)=2 x^{2}+5\right) \\
.2=(\mathrm{f}(x)=\sqrt{x+13})
\end{array}\right] \\
& \text { No03 }=\left[\quad \mathrm{f}(x)=\left[\begin{array}{ccc}
2 x+1 & ; & x<-2 \\
3-x & ; & -2<=x<4 \\
-1 & ; & x>=4
\end{array}\right] \quad, \quad \text { No04 }=\left[\begin{array}{c}
.1=(x=y+2) \\
.2=\left(y^{2}=x+1\right)
\end{array}\right]\right. \\
& \begin{array}{c}
\beta=-2, \gamma=-1, \delta=4, \varepsilon=2 \\
\text { No05 }=\left[\begin{array}{c}
.1=\sqrt{-x} \\
.2=2 x^{2}+3 \\
.3=-\sqrt{-2+x} \\
.4=\frac{1}{2 x-6}
\end{array}\right],
\end{array}
\end{aligned}
$$
\]

[^10]\[

$$
\begin{aligned}
& \text { No01 }=\left[\begin{array}{c}
.1=\{(t, 2),(b, l),(r, 7),(e, 8),(p, 1)\} \\
.2=\{(8, b),(9, a),(10, c),(9, s),(7, s)\} \\
.3=\left(y=5 x^{2}+2\right) \\
.4=\left(x=5 y^{2}+2\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-3,-1,0,1,3,5\} \\
.1=\left(\mathrm{f}(x)=4 x^{2}-3\right) \\
.2=(\mathrm{f}(x)=\sqrt{x+12})
\end{array}\right] \\
& \text { No03 }\left[\begin{array}{c}
\mathrm{f}(x)=\left[\begin{array}{ccc}
2 x+2 & ; & x<-2 \\
-2 & ; & -2<x<=3 \\
-x+1 & ; & x>3
\end{array}\right] \\
{[\alpha=-5, \beta=-2, \gamma=-\sqrt{3}, \delta=3, \varepsilon=6, a=3+h, b=3]}
\end{array}\right] \text {, } \\
& \text { No05 }=\left[\begin{array}{c}
.1=\sqrt{x} \\
.2=3 x^{2}-1 \\
.3=\frac{1}{2 x+2} \\
.4=-\sqrt{3+x}
\end{array}\right], \quad, \text { No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=x^{2}-11 \\
\mathrm{D}_{f}=\{x \mid-3<x<4\}
\end{array}\right]
\end{aligned}
$$
\]

[^11]\[

\left.$$
\begin{array}{l}
N o 01=\left[\begin{array}{c}
.1=\{(d, 9),(e, 3),(r, 6),(t, 5),(d, 3)\} \\
.2=\{(c, 10),(p, 6),(t, 4),(e, 2),(s, 6)\} \\
.3=\left(y=6 x^{2}+5\right) \\
.4=\left(x=6 y^{2}+5\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-5,-4,-2,0,2,4\} \\
.1=(\mathrm{f}(x)=\sqrt{x+13}) \\
.2=\left(\mathrm{f}(x)=5 x^{2}-4\right)
\end{array}\right] \\
N o 03=\left[\begin{array}{cc}
x-1 & ;
\end{array}\right] x<-2 \\
-3 \\
\mathrm{f}(x)=\left[\begin{array}{c}
2 \\
-2 x-4
\end{array}\right] \quad x>2
\end{array}
$$\right], \quad, N o 04=\left[$$
\begin{array}{c}
.1=\left(x^{2}+3 y-2=0\right) \\
.2=(x=y-1)
\end{array}
$$\right] .
\]

[^12]\[

$$
\begin{aligned}
& \text { No01 }=\left[\begin{array}{c}
.1=\{(1, e),(3, p),(9, e),(4, d),(6, a)\} \\
.2=\{(3, d),(8, t),(5, p),(3, p),(7, c)\} \\
.3=\left(x=3 y^{2}-4\right) \\
.4=\left(y=3 x^{2}-4\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-4,-2,0,1,2,4\} \\
.1=\left(\mathrm{f}(x)=4 x^{2}+5\right) \\
.2=(\mathrm{f}(x)=\sqrt{x+15})
\end{array}\right] \\
& \text { No03 }=\left[\begin{array}{c}
\mathrm{f}(x)=\left[\begin{array}{ccc}
-2 & ; & x<-3 \\
-x-5 & ; & -3<x<=2 \\
2 x+2 & ; & x>2
\end{array}\right] \\
{[\alpha=-\sqrt{23}, \beta=-3, \gamma=1, \delta=2, \varepsilon=3, a=2+h, b=2]}
\end{array}\right] \text {, } \\
& \text { No05 }=\left[\begin{array}{l}
.1=\frac{1}{2 x-6} \\
.2=3 x^{2}+2 \\
.3=\sqrt{x-3} \\
.4=-\sqrt{-x}
\end{array}\right], \quad \text {,No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=-x^{2}+11 \\
\mathrm{D}_{f}=\{x \mid-3<x<5\}
\end{array}\right]
\end{aligned}
$$
\]

[^13]\[

\left.$$
\begin{array}{c}
N o 01=\left[\begin{array}{c}
.1=\{(r, l),(t, l),(b, 5),(a, 7),(e, 2)\} \\
.2=\{(10, e),(3, d),(4, t),(7, p),(10, d)\} \\
.3=\left(y=2 x^{2}+3\right) \\
.4=\left(x=2 y^{2}+3\right)
\end{array}\right], \quad N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-2,-1,0,1,2,3\} \\
.1=(\mathrm{f}(x)=\sqrt{x+13}) \\
.2=\left(\mathrm{f}(x)=4 x^{2}+3\right)
\end{array}\right] \\
N o 03=\left[\begin{array}{c}
x+5 \quad ; \quad x<=-3 \\
-2 x-5 \quad ; \quad-3<x<2 \\
-9 \quad ; \quad x>2
\end{array}\right] \\
{[\alpha=-6, \beta=-3, \gamma=-1, \delta=2, \varepsilon=2 \sqrt{5}, a=2+h, b=2]}
\end{array}
$$\right], \quad N o 04=\left[$$
\begin{array}{c}
.1=\left(x^{2}+3 y+1=0\right) \\
.2=(3 x-y=3)
\end{array}
$$\right] \quad\left[$$
\begin{array}{c}
.1=\frac{1}{3 x+9} \\
N 005=\left[\begin{array}{c}
.2=\sqrt{-x} \\
.3=-3 x^{2}-2 \\
.4=-\sqrt{x-3}
\end{array}\right], \quad, N o 06=\left[\begin{array}{c}
\mathrm{f}(x)=x^{2}-13 \\
\mathrm{D}_{f}=\{x \mid-5<x<9\}
\end{array}\right]
\end{array}
$$\right.
\]

[^14]\[

$$
\begin{aligned}
& \text { No01 }=\left[\begin{array}{c}
.1=\{(9, t),(2, e),(9, c),(4, d),(1, c)\} \\
.2=\{(7, s),(4, d),(5, s),(8, t),(10, e)\} \\
.3=\left(x=4 y^{2}+3\right) \\
.4=\left(y=4 x^{2}+3\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-3,-2,0,2,3,4\} \\
.1=(\mathrm{f}(x)=\sqrt{x+14}) \\
.2=\left(\mathrm{f}(x)=3 x^{2}+5\right)
\end{array}\right] \\
& N o 03=\left[\begin{array}{c}
\mathrm{f}(x)=\left[\begin{array}{ccc}
2+x & ; & x<-4 \\
-7 & ; & -4<x<=3 \\
-2 x-1 & ; & x>3
\end{array}\right] \\
{[\alpha=-5, \beta=-4, \gamma=-\sqrt{2}, \delta=3, \varepsilon=4, a=3+h, b=3]}
\end{array}\right], \quad, \text { No04 }=\left[\begin{array}{l}
.1=\left(y^{2}-x-2=0\right) \\
.2=(y=-2 x+1)
\end{array}\right] \\
& \begin{array}{l}
\text { No05 }=\left[\begin{array}{l}
.1=-\sqrt{-x} \\
.2=\frac{1}{2 x+4} \\
.3=\sqrt{3+x} \\
.4=2 x^{2}-1
\end{array}\right], \quad, \text { No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=7-x^{2} \\
\mathrm{D}_{f}=\{x \mid-3<x<7\}
\end{array}\right]
\end{array}
\end{aligned}
$$
\]

[^15]Function01 for No. 12967

$$
\begin{gathered}
\text { No01 }=\left[\begin{array}{c}
.1=\{(c, 2),(p, 5),(s, 6),(d, 6),(e, l)\} \\
.2=\{(p, 2),(p, 4),(e, 2),(t, 8),(b, 9)\} \\
.3=\left(y=3 x^{2}-2\right) \\
.4=\left(x=3 y^{2}-2\right)
\end{array}\right], \quad \text { No02 }=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-4,-3,-2,0,3,4\} \\
. \\
1=(\mathrm{f}(x)=\sqrt{x+13}) \\
.2=\left(\mathrm{f}(x)=5 x^{2}-6\right)
\end{array}\right] \\
\text { No03 }=\left[\begin{array}{c}
2 x-2 ; \begin{array}{c}
x<-3 \\
-x-2 ;
\end{array} ;-3<=x<4 \\
-6 \quad ; \\
f(x) \\
{[\alpha=-5, \beta=-3, \gamma=0, \delta=4, \varepsilon=\sqrt{26}, a=4+h, b=4]}
\end{array}\right], \quad \text { No04 }=\left[\begin{array}{l}
. l=(x=3 y+1) \\
.2=\left(y^{2}=-x+1\right)
\end{array}\right] \\
\text { No05 }=\left[\begin{array}{c}
.1=\frac{1}{2 x-6} \\
.2=-\sqrt{x} \\
.3=2 x^{2}-1 \\
.4=\sqrt{x-1}
\end{array}\right], \quad, N o 06=\left[\begin{array}{c}
\mathrm{f}(x)=x^{2}-11 \\
\mathrm{D}_{f}=\{x \mid-3<x<9\}
\end{array}\right]
\end{gathered}
$$

[^16]\[

$$
\begin{aligned}
& \text { No01 }=\left[\begin{array}{c}
.1=\{(c, 5),(s, 6),(a, 10),(t, 2),(t, 6)\} \\
.2=\{(a, 3),(p, 5),(e, 9),(b, 9),(c, 6)\} \\
.3=\left(y=3 x^{2}+2\right) \\
.4=\left(x=3 y^{2}+2\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-4,-3,-1,0,3,4\} \\
.1=\left(\mathrm{f}(x)=4 x^{2}-3\right) \\
.2=(\mathrm{f}(x)=\sqrt{x+12})
\end{array}\right] \\
& \text { No03 }=\left[\begin{array}{c}
\mathrm{f}(x)=\left[\begin{array}{ccc}
-2 x+5 & ; & x<-4 \\
x+4 & ; & -4<x<=4 \\
8 & ; & x>4
\end{array}\right] \\
{[\alpha=-6, \beta=-4, \gamma=0, \delta=4, \varepsilon=2 \sqrt{5}, a=4+h, b=4]}
\end{array}\right], \quad, \text { No04 }=\left[\begin{array}{c}
.1=\left(y^{2}=-3 x+2\right) \\
.2=(x-y=1)
\end{array}\right] \\
& \text { No05 }=\left[\begin{array}{l}
.1=x^{2}-2 \\
.2=\frac{1}{2 x-2} \\
.3=-\sqrt{-x} \\
.4=\sqrt{x-3}
\end{array}\right], \\
& \text {, No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=x^{2}-10 \\
\mathrm{D}_{f}=\{x \mid-9<x<6\}
\end{array}\right]
\end{aligned}
$$
\]

[^17] Function01 for No. 12979
\[

$$
\begin{aligned}
& \text { No01 }=\left[\begin{array}{c}
.1=\{(p, 4),(s, l),(r, 3),(c, 4),(t, 6)\} \\
.2=\{(a, 6),(e, 4),(t, 10),(b, 9),(t, 4)\} \\
.3=\left(x=3 y^{2}-5\right) \\
.4=\left(y=3 x^{2}-5\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-5,-2,-1,0,1,5\} \\
. \\
. \\
.2=\left(\mathrm{f}(x)=3 x^{2}-4\right) \\
.
\end{array}\right] \\
& \text { No03 }=\left[\begin{array}{c}
-2 \quad ; \quad x<-3 \\
f(x)=\left[\begin{array}{cc}
-2 & ; \\
2 x+4 & ; \\
-x+5 & ; \\
{[\alpha=-\sqrt{23}, \beta=-3, \gamma=-1, \delta=4, \varepsilon=6, a=4+h, b=4]}
\end{array}\right] \\
{[\alpha,}
\end{array}\right. \\
& \text { No05 }=\left[\begin{array}{c}
.1=-\sqrt{x} \\
.2=\sqrt{x-1} \\
.3=-3 x^{2}+2 \\
.4=\frac{1}{3 x+6}
\end{array}\right], \quad, \text { No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=-12+x^{2} \\
\mathrm{D}_{f}=\{x \mid-6<x<7\}
\end{array}\right]
\end{aligned}
$$
\]

[^18]\[

$$
\begin{aligned}
& N o 01=\left[\begin{array}{c}
.1=\{(5, t),(7, p),(4, a),(6, p),(1, b)\} \\
.2=\{(7, d),(9, a),(1, c),(6, r),(1, r)\} \\
.3=\left(y=6 x^{2}-5\right) \\
.4=\left(x=6 y^{2}-5\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-5,-3,0,1,3,5\} \\
.1=\left(\mathrm{f}(x)=5 x^{2}-4\right) \\
.2=(\mathrm{f}(x)=\sqrt{x+15})
\end{array}\right] \\
& N o 03=\left[\begin{array}{c}
\mathrm{f}(x)=\left[\begin{array}{ccc}
-x+4 & ; & x<-4 \\
3 & ; & -4<x<4 \\
2 x-5 & ; & x>=4
\end{array}\right] \\
{[\alpha=-6, \beta=-4, \gamma=\sqrt{3}, \delta=4, \varepsilon=6, a=4+h, b=4]}
\end{array}\right], \quad, N o 04=\left[\begin{array}{c}
.1=\left(y^{2}+3 x+1=0\right) \\
.2=(y=-2 x-3)
\end{array}\right] \\
& \text { No05 }=\left[\begin{array}{l}
.1=\sqrt{x+1} \\
.2=-\sqrt{x} \\
.3=\frac{1}{2 x+6} \\
.4=3 x^{2}-1
\end{array}\right], \\
& , N o 06=\left[\begin{array}{c}
\mathrm{f}(x)=x^{2}-13 \\
\mathrm{D}_{f}=\{x \mid-3<x<9\}
\end{array}\right]
\end{aligned}
$$
\]



$$
\begin{gathered}
N o 01=\left[\begin{array}{c}
.1=\{(t, 10),(e, l),(e, 4),(c, 4),(s, 5)\} \\
.2=\{(c, 9),(b, 2),(d, 9),(a, 5),(r, 7)\} \\
.3=\left(x=3 y^{2}-5\right) \\
.4=\left(y=3 x^{2}-5\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{l}
\mathrm{D}_{f}=\{-5,-4,0,2,4,5\} \\
.1=(\mathrm{f}(x)=\sqrt{x+15}) \\
.2=\left(\mathrm{f}(x)=2 x^{2}+3\right)
\end{array}\right] \\
N o 03=\left[\begin{array}{c}
\mathrm{f}(x)=\left[\begin{array}{c}
2 x+5 \quad ; \quad x<=-2 \\
-5 \\
-3-x
\end{array} \quad-2<x<2\right. \\
{[\alpha=-3, \beta=-2, \gamma=-\sqrt{2}, \delta=2, \varepsilon=4, a=2+h, b=2]}
\end{array}\right], \quad, N o 04=\left[\begin{array}{l}
.1=(3 x+y=3) \\
.2=\left(y^{2}=3 x+2\right)
\end{array}\right] \\
N\left[\begin{array}{c}
.1=-\sqrt{-2+x} \\
.2=\frac{1}{3 x-9} \\
.3=-2 x^{2}+1 \\
.4=\sqrt{-x}
\end{array}\right], \quad, N o 06=\left[\begin{array}{c}
\mathrm{f}(x)=-x^{2}+10 \\
\mathrm{D}_{f}=\{x \mid-4<x<9\}
\end{array}\right]
\end{gathered}
$$

[^19]Function01 for No. 13028

$$
\begin{aligned}
& N o 01=\left[\begin{array}{c}
.1=\{(3, e),(2, d),(9, p),(10, a),(9, d)\} \\
.2=\{(t, 9),(d, 3),(s, 7),(r, 2),(c, 3)\} \\
.3=\left(x=2 y^{2}-5\right) \\
.4=\left(y=2 x^{2}-5\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-5,-4,-2,0,2,5\} \\
.1=\left(\mathrm{f}(x)=2 x^{2}+5\right) \\
.2=(\mathrm{f}(x)=\sqrt{x+14})
\end{array}\right] \\
& N o 03=\left[\begin{array}{c}
\mathrm{f}(x)=\left[\begin{array}{ccc}
x-1 & ; & x<-4 \\
-2 x-5 & ; & -4<x<4 \\
-13 & ; & x>4
\end{array}\right] \\
{[\alpha=-7, \beta=-4, \gamma=0, \delta=4, \varepsilon=\sqrt{21}, a=4+h, b=4]}
\end{array}\right], \\
& \text { No05 }=\left[\begin{array}{c}
.1=\frac{1}{4 x+12} \\
.2=-\sqrt{x+1} \\
.3=\sqrt{x} \\
.4=-x^{2}-1
\end{array}\right], \\
& , N o 04=\left[\begin{array}{c}
.1=\left(y^{2}=-x-2\right) \\
.2=(x=y-1)
\end{array}\right]
\end{aligned}
$$

x [Page = 0024] xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

$$
\begin{gathered}
N o 01=\left[\begin{array}{c}
.1=\{(e, l),(s, 5),(d, 5),(b, 9),(r, 10)\} \\
.2=\{(r, 7),(r, 2),(d, l),(c, 7),(s, 4)\} \\
3=\left(x=6 y^{2}+5\right) \\
.4=\left(y=6 x^{2}+5\right)
\end{array}\right], \quad N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-3,-1,0,1,2,3\} \\
.1=(\mathrm{f}(x)=\sqrt{x+14}) \\
.2=\left(\mathrm{f}(x)=2 x^{2}+3\right)
\end{array}\right] \\
N o 03=\left[\begin{array}{c}
x-5 \quad ; \quad x<-2 \\
\mathrm{f}(x)=\left[\begin{array}{c}
-3 \\
-2 x+1
\end{array} \quad ; \quad-2<=x<=2\right. \\
{[\alpha=-5, \beta=-2, \gamma=\sqrt{2}, \delta=2, \varepsilon=3, a=2+h, b=2]}
\end{array}\right], \quad, N o 04=\left[\begin{array}{c}
.1=(x=y-2) \\
.2=\left(x^{2}=-y+3\right)
\end{array}\right] \\
{\left[\begin{array}{c}
.1=-x^{2}-1 \\
.2=\sqrt{-x} \\
.3=-\sqrt{2+x} \\
.4=\frac{1}{3 x-6}
\end{array}\right], \quad N o 06=\left[\begin{array}{c}
\mathrm{f}(x)=7-x^{2} \\
\mathrm{D}_{f}=\{x \mid-9<x<3\}
\end{array}\right]}
\end{gathered}
$$

[^20]\[

$$
\begin{aligned}
& N o 01=\left[\begin{array}{c}
.1=\{(10, d),(7, t),(3, s),(7, s),(1, p)\} \\
.2=\{(10, a),(3, r),(5, c),(9, b),(7, r)\} \\
.3=\left(x=5 y^{2}+6\right) \\
.4=\left(y=5 x^{2}+6\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-4,-2,-1,0,1,4\} \\
.1=(\mathrm{f}(x)=\sqrt{x+11}) \\
.2=\left(\mathrm{f}(x)=6 x^{2}+5\right)
\end{array}\right]
\end{aligned}
$$
\]

$$
\begin{aligned}
& \text { No05 }=\left[\begin{array}{c}
.1=-\sqrt{x} \\
.2=\sqrt{2+x} \\
.3=2 x^{2}-3 \\
.4=\frac{1}{4 x+12}
\end{array}\right], \\
& \text {, No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=-12+x^{2} \\
\mathrm{D}_{f}=\{x \mid-3<x<5\}
\end{array}\right]
\end{aligned}
$$



$$
\begin{aligned}
& N o 01=\left[\begin{array}{c}
.1=\{(c, 9),(s, 3),(e, 10),(r, 5),(b, 9)\} \\
.2=\{(d, l),(t, l),(c, 7),(e, 8),(d, 6)\} \\
.3=\left(y=2 x^{2}+3\right) \\
.4=\left(x=2 y^{2}+3\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-5,-4,-2,0,4,5\} \\
.1=(\mathrm{f}(x)=\sqrt{x+14}) \\
.2=\left(\mathrm{f}(x)=5 x^{2}+6\right)
\end{array}\right] \\
& \text { No03 }=\left[\begin{array}{c}
\mathrm{f}(x)=\left[\begin{array}{ccc}
2 & ; & x<-2 \\
x+4 & ; & -2<=x<2 \\
-2 x-5 & ; & x>=2
\end{array}\right] \\
{[\alpha=-\sqrt{21}, \beta=-2, \gamma=-1, \delta=2, \varepsilon=4, a=2+h, b=2]}
\end{array}\right], \quad, N o 04=\left[\begin{array}{c}
.1=\left(y^{2}=3 x+2\right) \\
.2=(x=-3 y-1)
\end{array}\right] \\
& N o 05=\left[\begin{array}{c}
.1=-\sqrt{x-1} \\
.2=\sqrt{-x} \\
.3=-x^{2}-1 \\
.4=\frac{1}{3 x+3}
\end{array}\right], \\
& \text {, No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=-7+x^{2} \\
\mathrm{D}_{f}=\{x \mid-3<x<5\}
\end{array}\right]
\end{aligned}
$$

[^21]\[

$$
\begin{aligned}
& \text { No01 }=\left[\begin{array}{c}
.1=\{(r, 6),(d, 1),(s, 8),(d, 5),(t, 5)\} \\
.2=\{(7, c),(5, t),(10, e),(9, b),(4, b)\} \\
.3=\left(y=2 x^{2}+5\right) \\
.4=\left(x=2 y^{2}+5\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-5,-2,0,2,4,5\} \\
.1=(\mathrm{f}(x)=\sqrt{x+14}) \\
.2=\left(\mathrm{f}(x)=3 x^{2}-5\right)
\end{array}\right] \\
& \text { No03 }=\left[\begin{array}{cc}
2 & ; \\
\mathrm{f}(x)=\left[\begin{array}{c}
x<3 \\
x+5 \\
-2 x-5
\end{array} ; \quad \begin{array}{cc}
-3<=x<4
\end{array}\right]
\end{array}\right], \quad, \text { No04 }=\left[\begin{array}{c}
.1=\left(y^{2}-x-2=0\right) \\
.2=(x=2 y-3)
\end{array}\right] \\
& \text { No05 }=\left[\begin{array}{c}
.1=-\sqrt{x} \\
.2=\sqrt{x+1} \\
.3=-3 x^{2}-1 \\
.4=\frac{1}{4 x-8}
\end{array}\right], \quad, \text { No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=7-x^{2} \\
\mathrm{D}_{f}=\{x \mid-8<x<7\}
\end{array}\right]
\end{aligned}
$$
\]

[^22]\[

\left.$$
\begin{array}{l}
N o 01=\left[\begin{array}{c}
.1=\{(e, 4),(c, 8),(a, 10),(s, 3),(r, 8)\} \\
.2=\{(e, 5),(s, 4),(t, 9),(t, 5),(a, 8)\} \\
3=\left(y=2 x^{2}-3\right) \\
.4=\left(x=2 y^{2}-3\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-4,-3,-1,0,1,3\} \\
.1=\left(\mathrm{f}(x)=4 x^{2}-3\right) \\
.2=(\mathrm{f}(x)=\sqrt{x+14})
\end{array}\right] \\
N o 03=\left[\begin{array}{c}
2 x-1 \quad ; \quad x<-4 \\
3-x \quad ; \quad-4<=x<2 \\
1 \quad ; \quad x>=2
\end{array}\right] \\
{[\alpha=-7, \beta=-4, \gamma=1, \delta=2, \varepsilon=2 \sqrt{5}, a=2+h, b=2]}
\end{array}
$$\right], \quad, N o 04=\left[$$
\begin{array}{l}
.1=\left(x^{2}=-2 y+1\right) \\
.2=(y=-3 x+2)
\end{array}
$$\right]
\]

[^23]\[

$$
\begin{gathered}
\text { No01 }=\left[\begin{array}{c}
. l=\{(t, l),(p, 3),(c, 9),(e, 8),(s, 9)\} \\
.2=\{(b, 4),(e, 4),(e, 9),(c, 10),(p, 7)\} \\
.3=\left(y=6 x^{2}-5\right) \\
.4=\left(x=6 y^{2}-5\right)
\end{array}\right], \quad \text { No02 }=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-5,-4,-1,0,1,5\} \\
. \\
.2=\left(\mathrm{f}(x)=3 x^{2}-2\right) \\
.2=(\mathrm{f}(x)=\sqrt{x+13})
\end{array}\right] \\
\text { No03 }=\left[\begin{array}{c}
x-1 \quad ; \quad x<=-2 \\
-3 \quad ; \quad-2<x<4 \\
-2 x+4 ; \\
\mathrm{f}(x)=\left[\begin{array}{c}
x>=4
\end{array}\right] \\
{[\alpha=-3, \beta=-2, \gamma=-\sqrt{3}, \delta=4, \varepsilon=6, a=4+h, b=4]}
\end{array}\right], \quad \text { No04 }=\left[\begin{array}{c}
.1=(2 x-2 y=2) \\
.2=\left(x^{2}+3 y-2=0\right)
\end{array}\right] \\
N o 05=\left[\begin{array}{c}
1=\frac{1}{3 x+3} \\
.2=-\sqrt{-2+x} \\
. \\
.4=\sqrt{x} \\
4=x^{2}-3
\end{array}\right], \quad, N o 06=\left[\begin{array}{c}
\mathrm{f}(x)=x^{2}-13 \\
\mathrm{D}_{f}=\{x \mid-4<x<6\}
\end{array}\right]
\end{gathered}
$$
\]

[^24]\[

$$
\begin{aligned}
& N o 01=\left[\begin{array}{c}
.1=\{(1, p),(8, r),(9, d),(4, p),(6, c)\} \\
.2=\{(e, 8),(a, 4),(c, 6),(p, 2),(e, 2)\} \\
.3=\left(y=2 x^{2}+3\right) \\
.4=\left(x=2 y^{2}+3\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-5,-2,-1,0,2,5\} \\
.1=(\mathrm{f}(x)=\sqrt{x+12}) \\
.2=\left(\mathrm{f}(x)=4 x^{2}+3\right)
\end{array}\right] \\
& N o 03=\left[\begin{array}{c}
f(x)=\left[\begin{array}{ccc}
2 x-5 & ; & x<-4 \\
2-x & ; & -4<x<4 \\
-2 & ; & x>=4
\end{array}\right] \\
{[\alpha=-5, \beta=-4, \gamma=1, \delta=4, \varepsilon=\sqrt{26}, a=4+h, b=4]}
\end{array}\right] \text {, } \\
& \text { No05 }=\left[\begin{array}{c}
.1=x^{2}+1 \\
.2=-\sqrt{x-3} \\
.3=\frac{1}{3 x-6} \\
.4=\sqrt{x}
\end{array}\right], \\
& , N o 04=\left[\begin{array}{c}
.1=\left(y^{2}+3 x-2=0\right) \\
.2=(2 x+y=2)
\end{array}\right]
\end{aligned}
$$
\]

[^25]\[

$$
\begin{aligned}
& N o 01=\left[\begin{array}{c}
.1=\{(10, t),(2, a),(7, c),(5, a),(3, r)\} \\
.2=\{(b, 1),(s, 2),(a, 10),(c, 9),(b, 10)\} \\
.3=\left(x=3 y^{2}-2\right) \\
.4=\left(y=3 x^{2}-2\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-3,-1,0,1,3,4\} \\
.1=(\mathrm{f}(x)=\sqrt{x+11}) \\
.2=\left(\mathrm{f}(x)=3 x^{2}-4\right)
\end{array}\right] \\
& \text { No03 }=\left[\begin{array}{ccc}
2 x+3 & ; & x<-4 \\
-3-x & ; & -4<x<4 \\
-7 & ; & x>4
\end{array}\right] \quad, \quad \text { No04 }=\left[\begin{array}{c}
.1=(x=2 y-3) \\
.2=\left(y^{2}=3 x+2\right)
\end{array}\right] \\
& \text { No05 }=\left[\begin{array}{c}
.1=\sqrt{x} \\
.2=-\sqrt{3+x} \\
.3=-x^{2}+2 \\
.4=\frac{1}{4 x-8}
\end{array}\right], \quad, \text { No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=12-x^{2} \\
\mathrm{D}_{f}=\{x \mid-8<x<4\}
\end{array}\right]
\end{aligned}
$$
\]

[^26]\[

$$
\begin{aligned}
& \text { No01 }=\left[\begin{array}{c}
.1=\{(e, 2),(t, 7),(r, 4),(p, 3),(b, 2)\} \\
.2=\{(3, p),(4, t),(9, r),(4, d),(1, d)\} \\
.3=\left(x=3 y^{2}+4\right) \\
.4=\left(y=3 x^{2}+4\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-5,-3,-1,0,3,5\} \\
.1=(\mathrm{f}(x)=\sqrt{x+14}) \\
.2=\left(\mathrm{f}(x)=5 x^{2}+6\right)
\end{array}\right] \\
& \text { No03 }=\left[\begin{array}{c}
\mathrm{f}(x)=\left[\begin{array}{ccc}
2 x-1 & ; & x<-4 \\
-7 & ; & -4<x<3 \\
-x-4 & ; & x>3
\end{array}\right] \\
{[\alpha=-6, \beta=-4, \gamma=\sqrt{3}, \delta=3, \varepsilon=6, a=3+h, b=3]}
\end{array}\right] \text {, } \\
& \text { No05 }=\left[\begin{array}{c}
.1=\frac{1}{4 x+12} \\
.2=-\sqrt{x-1} \\
.3=\sqrt{x} \\
.4=2 x^{2}-1
\end{array}\right], \\
& \text {, No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=7-x^{2} \\
\mathrm{D}_{f}=\{x \mid-7<x<9\}
\end{array}\right]
\end{aligned}
$$
\]

[^27]\[

$$
\begin{aligned}
& N o 01=\left[\begin{array}{c}
.1=\{(7, e),(9, r),(5, s),(4, t),(7, s)\} \\
.2=\{(7, d),(1, r),(6, d),(9, b),(3, a)\} \\
.3=\left(x=5 y^{2}+2\right) \\
.4=\left(y=5 x^{2}+2\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-5,-2,0,2,3,5\} \\
.1=(\mathrm{f}(x)=\sqrt{x+12}) \\
.2=\left(\mathrm{f}(x)=4 x^{2}+3\right)
\end{array}\right] \\
& N o 03=\left[\begin{array}{c}
\mathrm{f}(x)=\left[\begin{array}{ccc}
8 & ; & x<-3 \\
-2 x+2 & ; & -3<=x<=3 \\
x+4 & ; & x>3
\end{array}\right] \\
{[\alpha=-\sqrt{23}, \beta=-3, \gamma=-1, \delta=3, \varepsilon=4, a=3+h, b=3]}
\end{array}\right], \quad, N o 04=\left[\begin{array}{c}
.1=(y=-3-x) \\
.2=\left(y^{2}=2 x+1\right)
\end{array}\right] \\
& \text { No05 }=\left[\begin{array}{c}
.1=-\sqrt{3+x} \\
.2=\frac{1}{3 x-9} \\
.3=\sqrt{-x} \\
.4=-3 x^{2}-1
\end{array}\right], \\
& \text {, No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=x^{2}-11 \\
\mathrm{D}_{f}=\{x \mid-9<x<3\}
\end{array}\right]
\end{aligned}
$$
\]

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$$
\begin{aligned}
& N o 01=\left[\begin{array}{c}
.1=\{(r, 4),(e, 6),(a, 8),(c, 6),(t, 7)\} \\
.2=\{(8, e),(4, d),(6, t),(7, b),(7, e)\} \\
.3=\left(y=3 x^{2}+4\right) \\
.4=\left(x=3 y^{2}+4\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-5,-4,-1,0,1,5\} \\
.1=(\mathrm{f}(x)=\sqrt{x+12}) \\
.2=\left(\mathrm{f}(x)=5 x^{2}+3\right)
\end{array}\right] \\
& N o 03=\left[\begin{array}{ccc}
\mathrm{f}(x)=\left[\begin{array}{cc}
x+5 & ;
\end{array}\right]<=-2 \\
-2 x-1 & ; & -2<x<=3 \\
-7 & ; & x>3
\end{array}\right], ~= \\
& \text { No05 }=\left[\begin{array}{c}
.1=\frac{1}{4 x+8} \\
.2=-\sqrt{3+x} \\
.3=x^{2}+3 \\
.4=\sqrt{x}
\end{array}\right], \\
& , N o 04=\left[\begin{array}{c}
.1=(x=-y+2) \\
.2=\left(x^{2}+2 y+1=0\right)
\end{array}\right]
\end{aligned}
$$
\]

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$$
\begin{aligned}
& \text { No01 }=\left[\begin{array}{c}
.1=\{(a, 7),(e, 2),(d, 4),(p, 2),(t, 10)\} \\
.2=\{(a, 2),(p, 2),(e, 7),(s, 5),(p, 10)\} \\
.3=\left(y=2 x^{2}+5\right) \\
.4=\left(x=2 y^{2}+5\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-4,-3,-1,0,1,3\} \\
.1=(\mathrm{f}(x)=\sqrt{x+13}) \\
.2=\left(\mathrm{f}(x)=3 x^{2}-4\right)
\end{array}\right] \\
& \mathrm{No} 03=\left[\begin{array}{ccc}
5 & ; & x<=-2 \\
-2 x+1 & ; & -2<x<2 \\
x-5 & ; & x>2
\end{array}\right] \quad, \quad N o 04=\left[\begin{array}{c}
.1=(x=y+3) \\
.2=\left(x^{2}=-3 y-2\right)
\end{array}\right] \\
& \begin{array}{l}
\text { No05 }=\left[\begin{array}{c}
.1=-2 x^{2}-1 \\
.2=\frac{1}{3 x+3} \\
.3=-\sqrt{3+x} \\
.4=\sqrt{-x}
\end{array}\right], \quad, N o 06=\left[\begin{array}{c}
\mathrm{f}(x)=-12+x^{2} \\
\mathrm{D}_{f}=\{x \mid-3<x<5\}
\end{array}\right]
\end{array}
\end{aligned}
$$

[^29]\[

$$
\begin{aligned}
& \text { No01 }=\left[\begin{array}{c}
.1=\{(1, e),(1, b),(6, a),(3, b),(8, t)\} \\
.2=\{(r, 8),(d, 3),(e, 8),(a, 2),(s, 10)\} \\
.3=\left(x=6 y^{2}+5\right) \\
.4=\left(y=6 x^{2}+5\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-5,-4,-2,0,4,5\} \\
.1=\left(\mathrm{f}(x)=3 x^{2}-2\right) \\
.2=(\mathrm{f}(x)=\sqrt{x+15})
\end{array}\right] \\
& \text { No03 }=\left[\quad \mathrm{f}(x)=\left[\begin{array}{ccc}
-3-x & ; & x<-3 \\
2 x+5 & ; & -3<=x<4 \\
13 & ; & x>=4
\end{array}\right] \quad, \quad \text { No04 }=\left[\begin{array}{c}
.1=(y=-3 x+2) \\
.2=\left(x^{2}-y-3=0\right)
\end{array}\right]\right. \\
& \begin{array}{l}
\text { No05 }=\left[\begin{array}{c}
.1=-\sqrt{x-1} \\
.2=\frac{1}{3 x-9} \\
.3=\sqrt{x} \\
.4=-x^{2}+3
\end{array}\right], \quad, \text { No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=x^{2}-9 \\
\mathrm{D}_{f}=\{x \mid-3<x<7\}
\end{array}\right]
\end{array}
\end{aligned}
$$
\]

[^30]\[

$$
\begin{aligned}
& N o 01=\left[\begin{array}{c}
.1=\{(5, t),(3, t),(5, a),(8, p),(4, d)\} \\
.2=\{(s, l),(d, 5),(b, 6),(c, 9),(t, l)\} \\
.3=\left(x=3 y^{2}-4\right) \\
.4=\left(y=3 x^{2}-4\right)
\end{array}\right], \quad, N o 02=\left[\begin{array}{c}
\mathrm{D}_{f}=\{-5,-3,0,2,3,5\} \\
.1=\left(\mathrm{f}(x)=6 x^{2}-5\right) \\
.2=(\mathrm{f}(x)=\sqrt{x+14})
\end{array}\right] \\
& \text { No03 }=\left[\begin{array}{ccc}
-2 x-5 & ; & x<-2 \\
-1 & ; & -2<=x<3 \\
x-3 & ; & x>3
\end{array}\right] \quad, \quad \text { No04 }=\left[\begin{array}{c}
.1=\left(y^{2}=2 x+3\right) \\
.2=(x-3 y=1)
\end{array}\right] \\
& {[[\alpha=-5, \beta=-2, \gamma=\sqrt{3}, \delta=3, \varepsilon=5, a=3+h, b=3]]} \\
& \text { No05 }=\left[\begin{array}{c}
.1=-\sqrt{-x} \\
.2=\sqrt{x-1} \\
.3=x^{2}+1 \\
.4=\frac{1}{4 x-12}
\end{array}\right] \text {, } \\
& \text {,No06 }=\left[\begin{array}{c}
\mathrm{f}(x)=x^{2}-10 \\
\mathrm{D}_{f}=\{x \mid-6<x<3\}
\end{array}\right]
\end{aligned}
$$
\]

[^31]
##  [ $>$


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