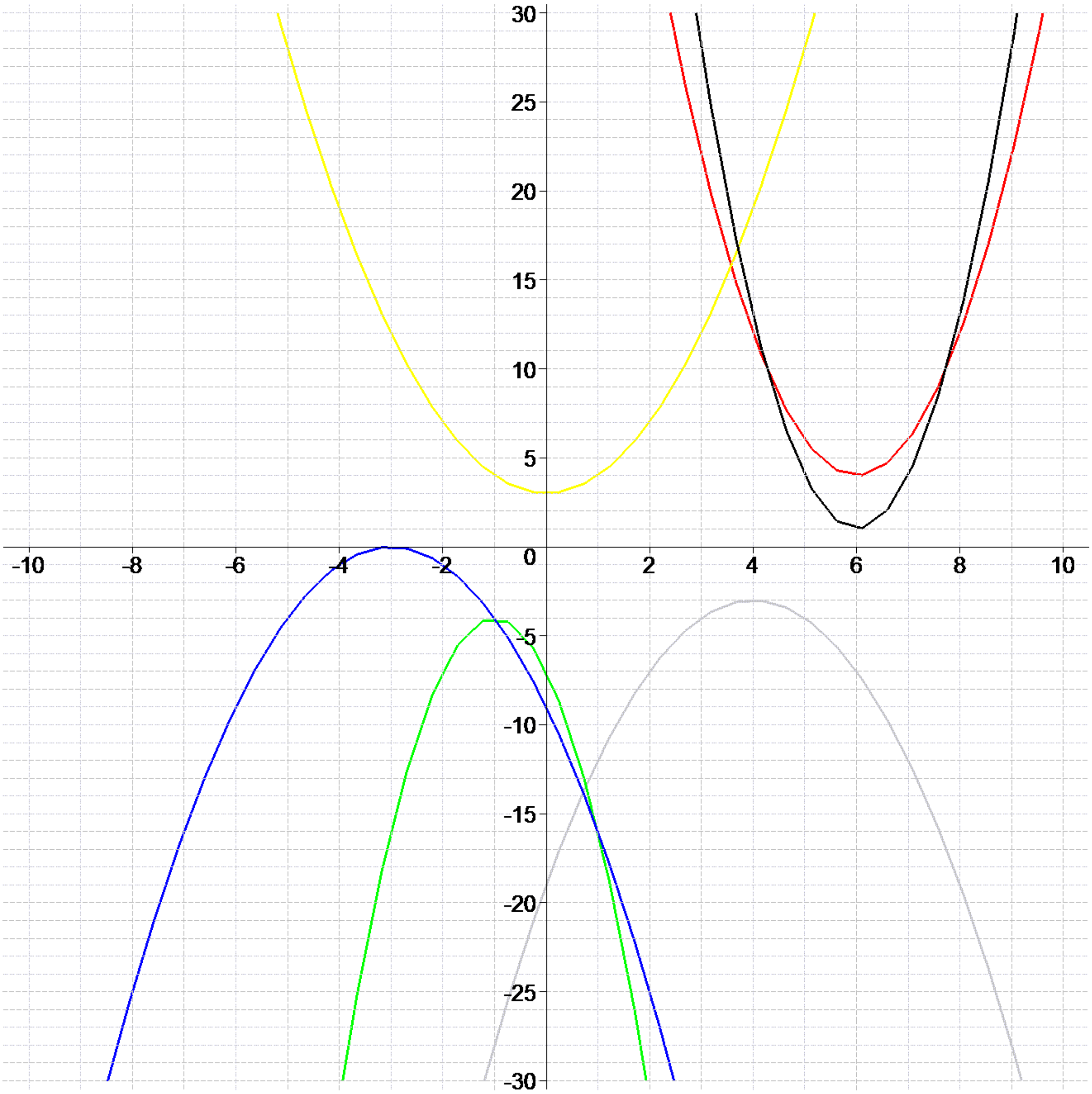
Function03 for No.9004

$$No1 = \begin{bmatrix} .1 = [y = 3\,(x-6)^2 + 1] & .3 = [y = -3\,(x+1)^2 - 4] & .5 = [y = x^2 + 3] \\ .2 = [y = -x^2 - 6\,x - 9] & .4 = [y = -(x-4)^2 - 3] & .6 = [y = 2\,x^2 - 24\,x + 76] \end{bmatrix}$$



$$No2 = (\,f(x) = -x^2 - 16\,x - 64\,), \quad , No3 = (\,f(x) = -x^2 - 2\,x + 24\,)$$

$$No4 = (\,f(x) = -x^2 + 14\,x - 48\,), \quad , No5 = (\,f(x) = x^2 + 6\,x + 8\,)$$

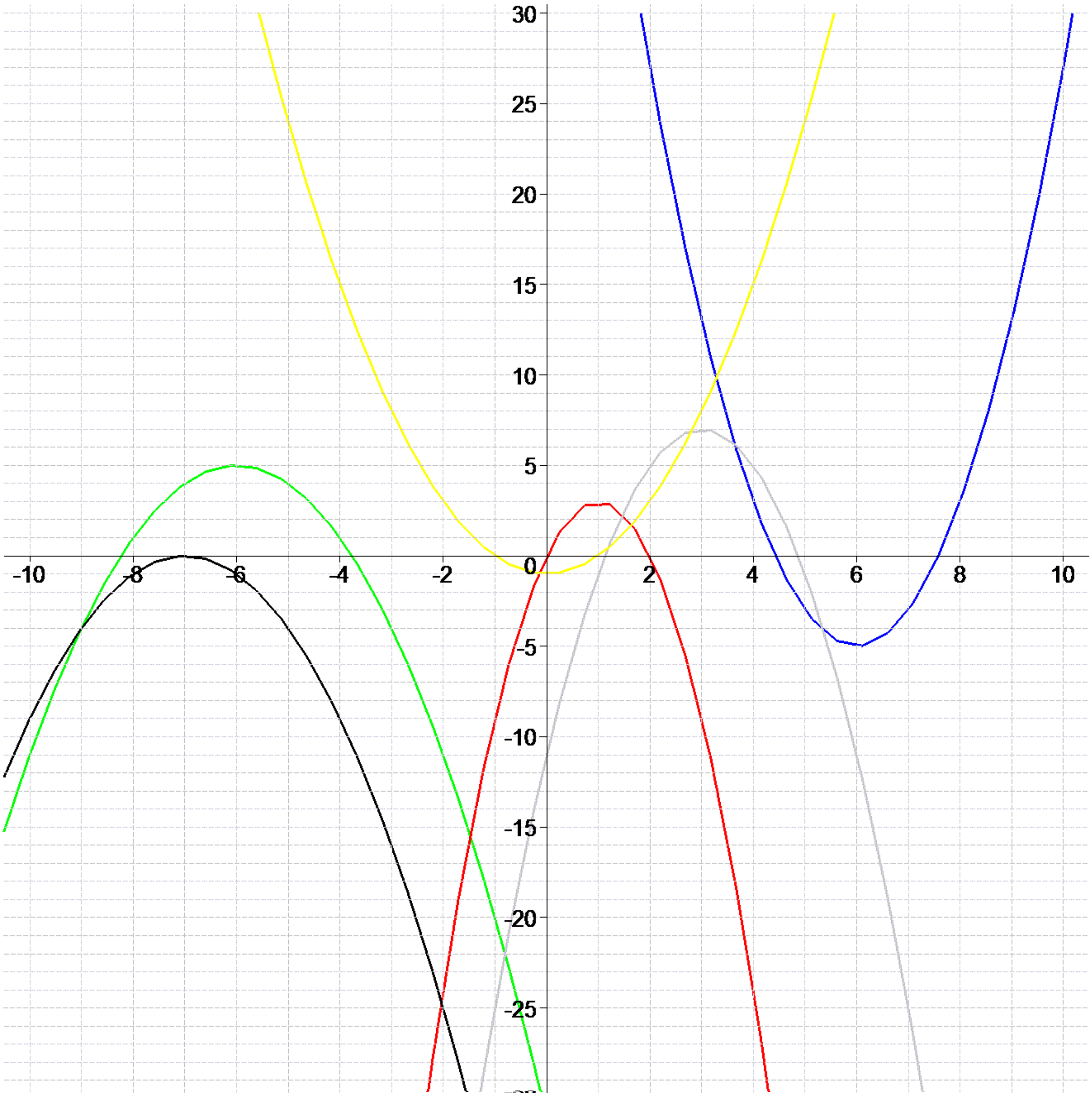
$$No6 = (\,p = 500 - 0.2\,x\,)$$

```
No7 : N  = 120   ,
    : P1 = 7000  , P2 = 7500  , P3 = 8000  ,
    : B  = 500   , M  = 1732500
No8 : P  = 3     , L  = 6     , A  = 9     , D  = 36
```


:
:
:
:

Function03 for No.9033

$$No1 = \begin{bmatrix} .1 = [y = -(x+7)^2] & .3 = [y = -2x^2 + 12x - 11] & .5 = [y = -(x+6)^2 + 5] \\ .2 = [y = x^2 - 1] & .4 = [y = -3x^2 + 6x] & .6 = [y = 2x^2 - 24x + 67] \end{bmatrix}$$



$$No2 = (f(x) = -x^2 - 2x + 48), \quad , No3 = (f(x) = x^2 - 12x + 32)$$

$$No4 = (f(x) = -x^2 + 4x + 21), \quad , No5 = (f(x) = x^2 - 16x + 64)$$

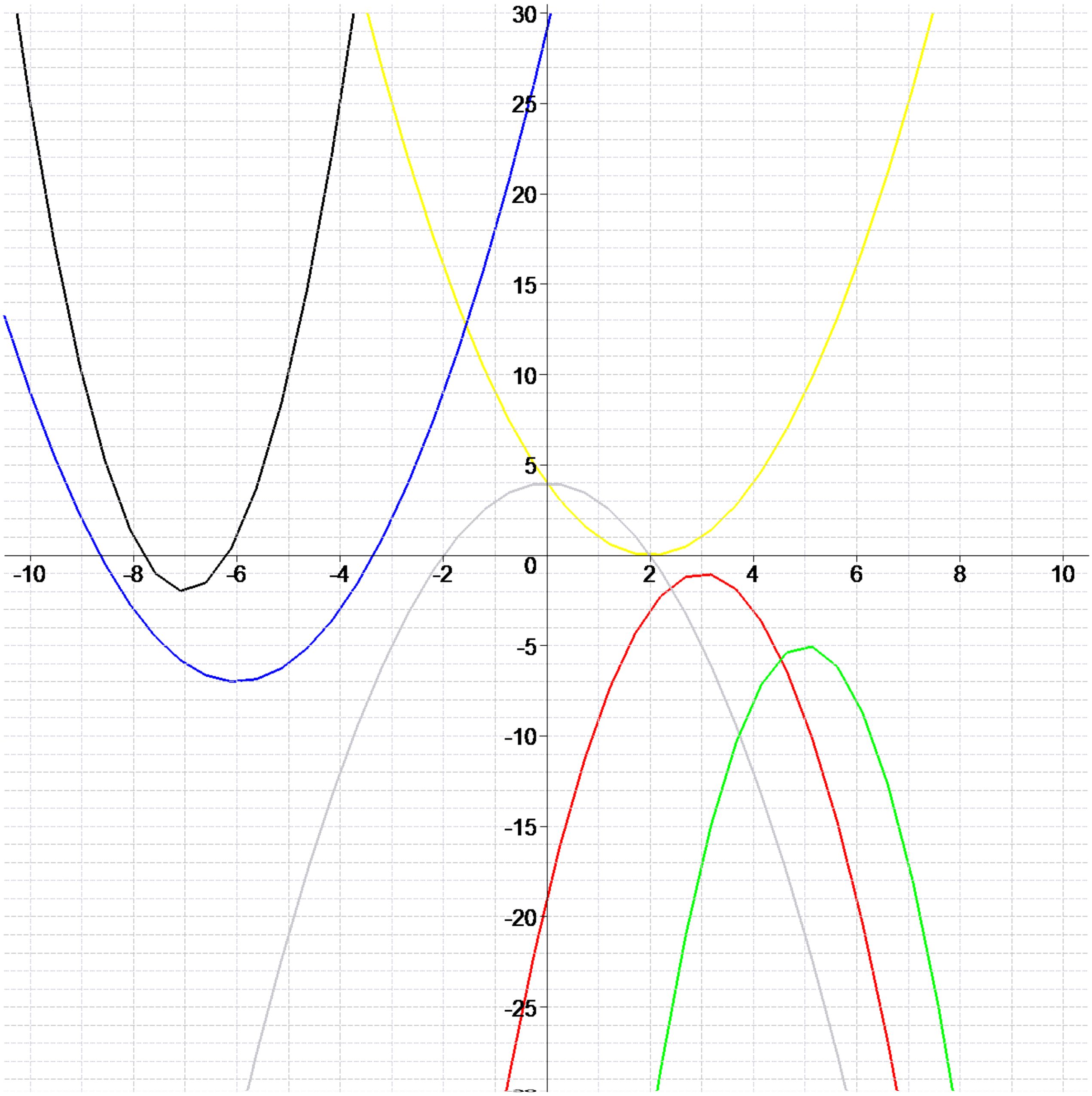
$$No6 = (p = 500 - 0.4x)$$

```
No7 : N  = 130    ,
    : P1 = 4000   , P2 = 4500   , P3 = 5000   ,
    : B  = 500    , M  = 1412500
No8 : P  = 7      , L  = 9      , A  = 121    , D  = 21
```


:
:
:
:

Function03 for No.9237

$$No1 = \begin{bmatrix} .1 = [y = -3\,(x-5)^2 - 5] & .3 = [y = x^2 + 12\,x + 29] & .5 = [y = 3\,(x+7)^2 - 2] \\ .2 = [y = -x^2 + 4] & .4 = [y = x^2 - 4\,x + 4] & .6 = [y = -2\,x^2 + 12\,x - 19] \end{bmatrix}$$



$$No2 = (\,f(x) = x^2 - 10\,x + 25\,), \quad , No3 = (\,f(x) = x^2 + 6\,x + 5\,)$$

$$No4 = (\,f(x) = -x^2 + 12\,x - 32\,), \quad , No5 = (\,f(x) = x^2 - 9\,)$$

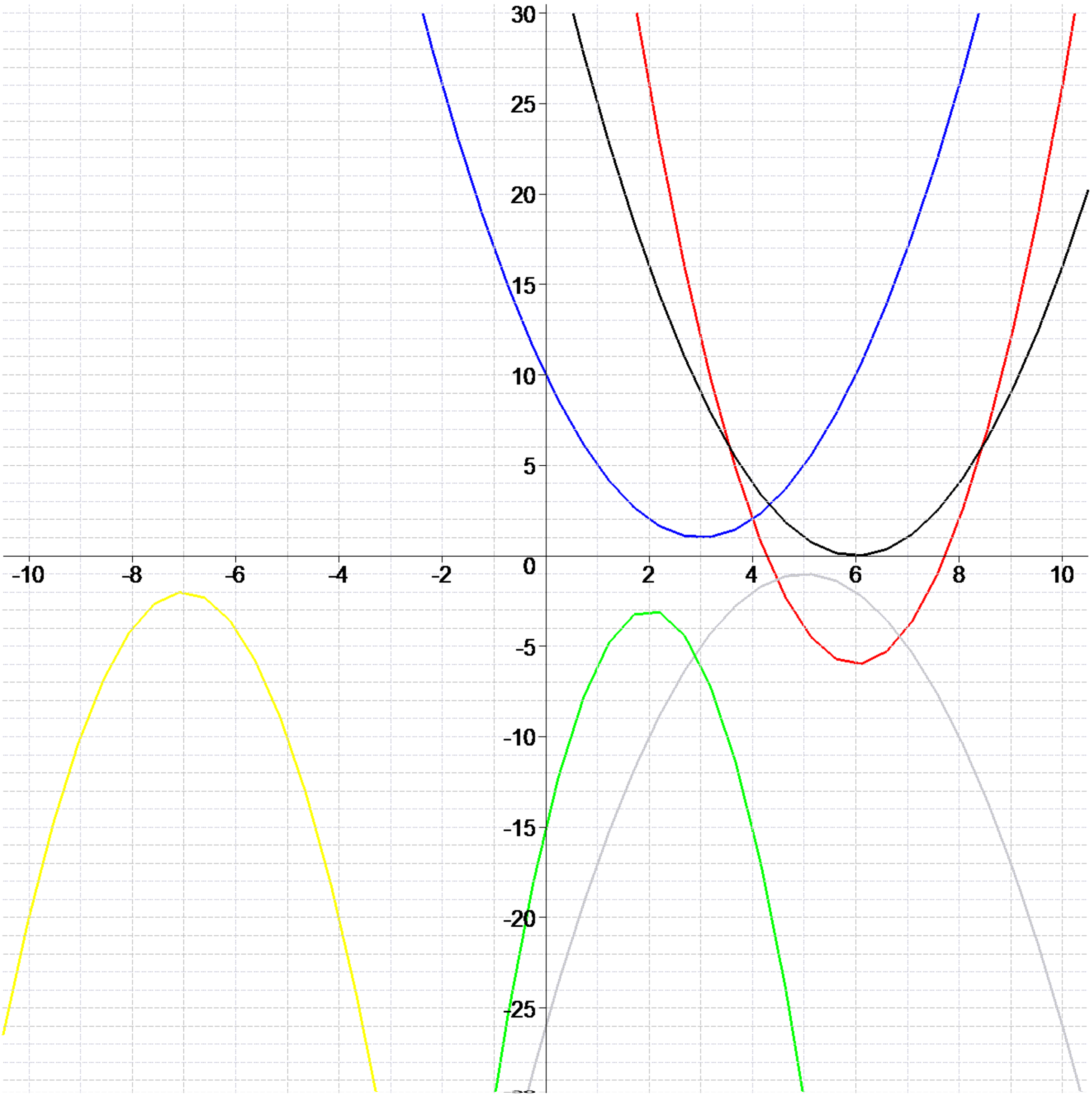
$$No6 = (\,p = 200 - 0.4\,x\,)$$

```
No7 : N  = 110    ,
    : P1 = 3000   , P2 = 3500   , P3 = 4000   ,
    : B  = 500    , M  = 841500
No8 : P  = 7      , L  = 10     , A  = 144    , D  = 42
```


:
:
:
:

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
X Math@MUT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXM5/2-6300402-00004XX
Function03 for No.9286

$$No1 = \begin{bmatrix} .1 = [y = -3x^2 + 12x - 15] & .3 = [y = (x-6)^2] & .5 = [y = x^2 - 6x + 10] \\ .2 = [y = -2(x+7)^2 - 2] & .4 = [y = -(x-5)^2 - 1] & .6 = [y = 2x^2 - 24x + 66] \end{bmatrix}$$



$$No2 = (f(x) = x^2 + 10x + 9), \quad , No3 = (f(x) = x^2 + 12x + 36)$$

$$No4 = (f(x) = -x^2 - 6x - 8), \quad , No5 = (f(x) = x^2 - 4x - 5)$$

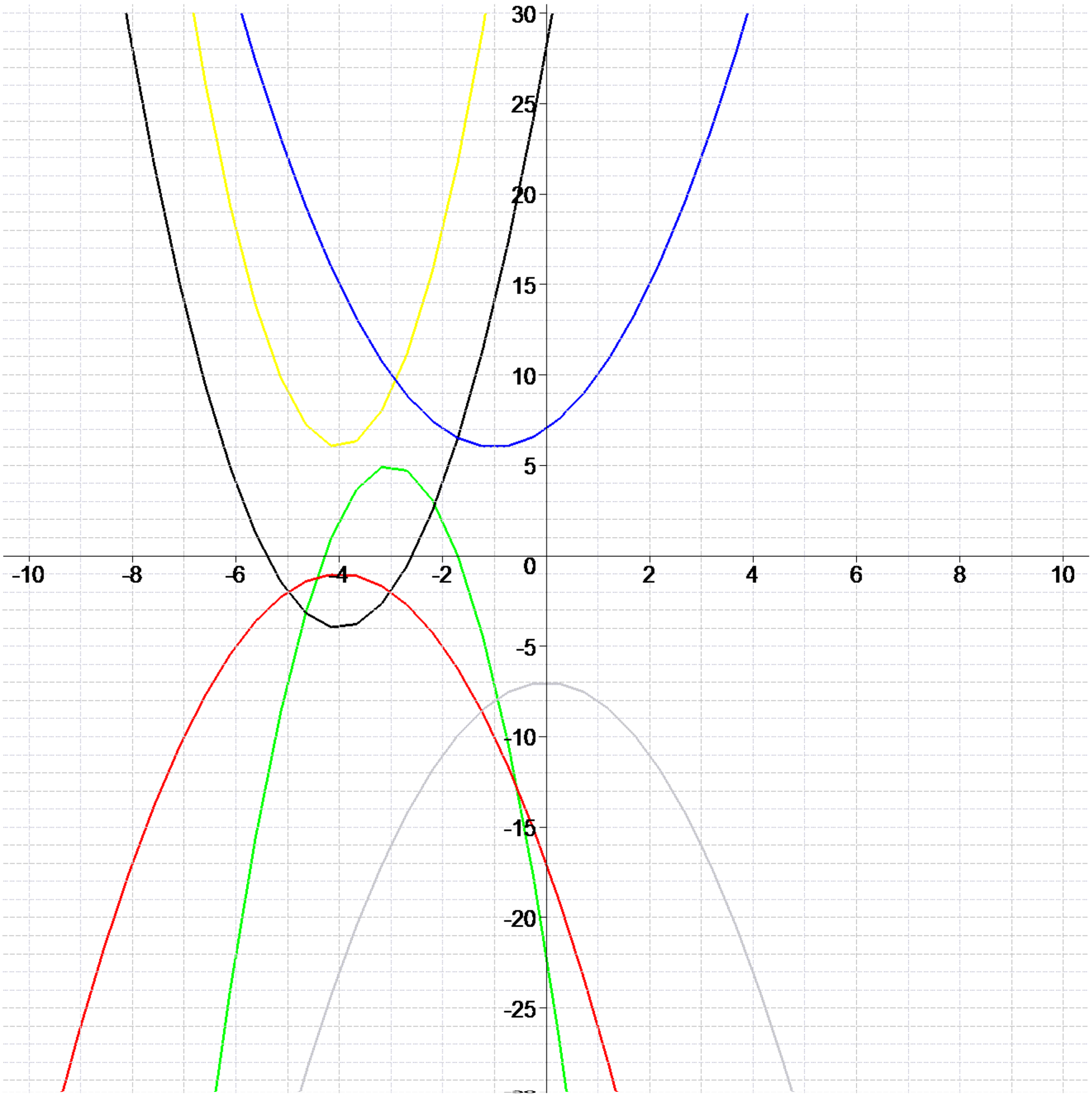
$$No6 = (p = 600 - 0.6x)$$

```
No7 : N  = 80    ,
    : P1 = 5000  , P2 = 5500  , P3 = 6000  ,
    : B  = 500   , M  = 724500
No8 : P  = 1     , L  = 9     , A  = 169   , D  = 8
```


:
:
:
:

Function03 for No.9604

$$No1 = \begin{bmatrix} .1 = [y = x^2 + 2x + 7] & .3 = [y = -(x+4)^2 - 1] & .5 = [y = 3x^2 + 24x + 54] \\ .2 = [y = -x^2 - 7] & .4 = [y = 2x^2 + 16x + 28] & .6 = [y = -3(x+3)^2 + 5] \end{bmatrix}$$



$$No2 = (f(x) = x^2 + 2x - 24), \quad , No3 = (f(x) = -x^2 + 2x + 3)$$

$$No4 = (f(x) = -x^2 - 14x - 45), \quad , No5 = (f(x) = x^2 - 16x + 64)$$

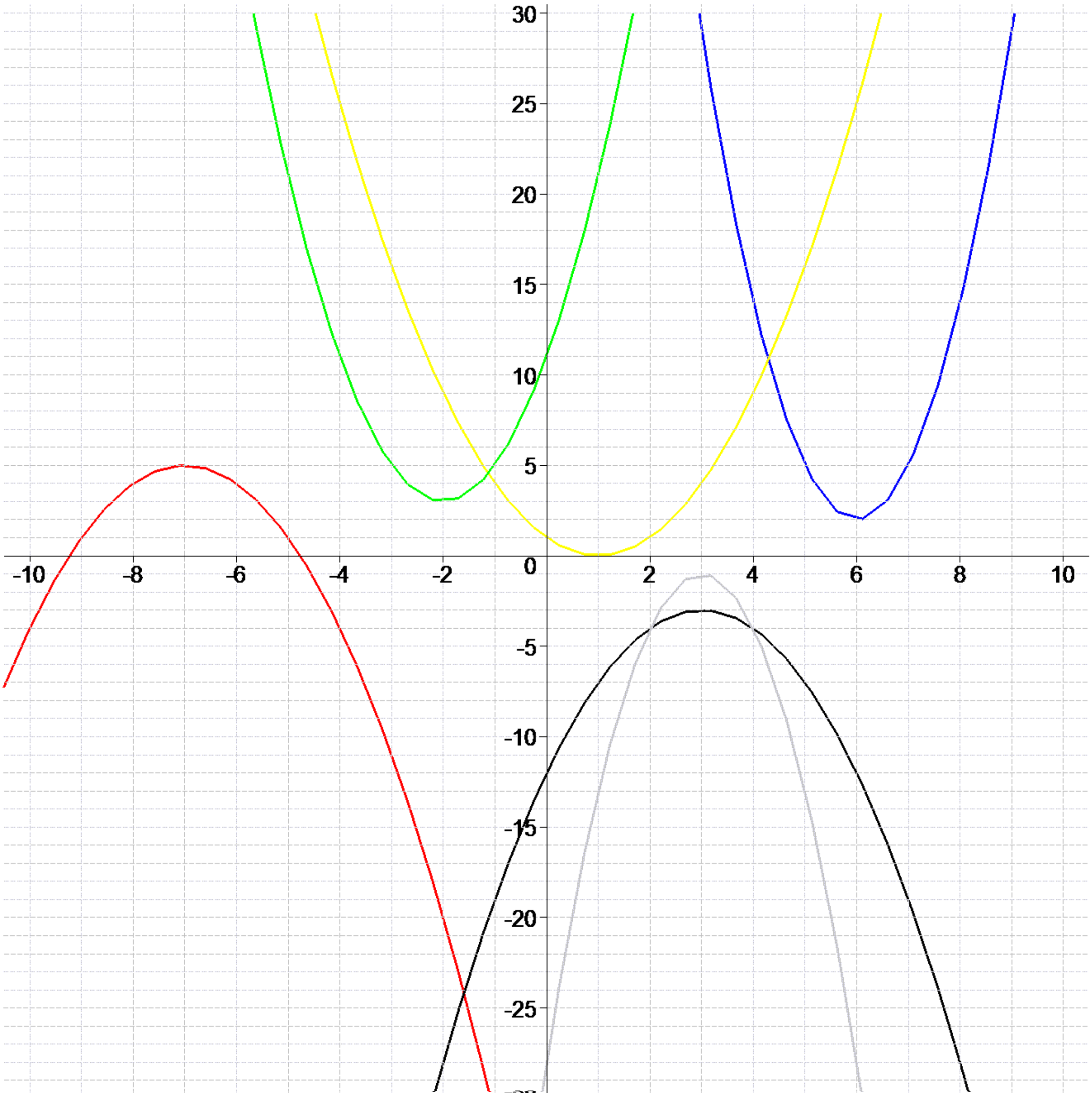
$$No6 = (p = 100 - 0.5x)$$

```
No7 : N  = 80     ,
    : P1 = 5000   , P2 = 5500   , P3 = 6000   ,
    : B  = 500    , M  = 770500
No8 : P  = 4      , L  = 12     , A  = 64     , D  = 48
```


:
:
:
:

Function03 for No.9635

$$No1 = \begin{bmatrix} .1 = [y = 2\,(x+2)^2 + 3] & .3 = [y = -x^2 + 6\,x - 12] & .5 = [y = x^2 - 2\,x + 1] \\ .2 = [y = -3\,(x-3)^2 - 1] & .4 = [y = -x^2 - 14\,x - 44] & .6 = [y = 3\,(x-6)^2 + 2] \end{bmatrix}$$



$$No2 = (\,\mathrm{f}(x) = -x^2 + 16\,x - 64\,), \quad , No3 = (\,\mathrm{f}(x) = -x^2 + 4\,x - 3\,)$$

$$No4 = (\,\mathrm{f}(x) = -x^2 - 4\,x + 12\,), \quad , No5 = (\,\mathrm{f}(x) = x^2 - 1\,)$$

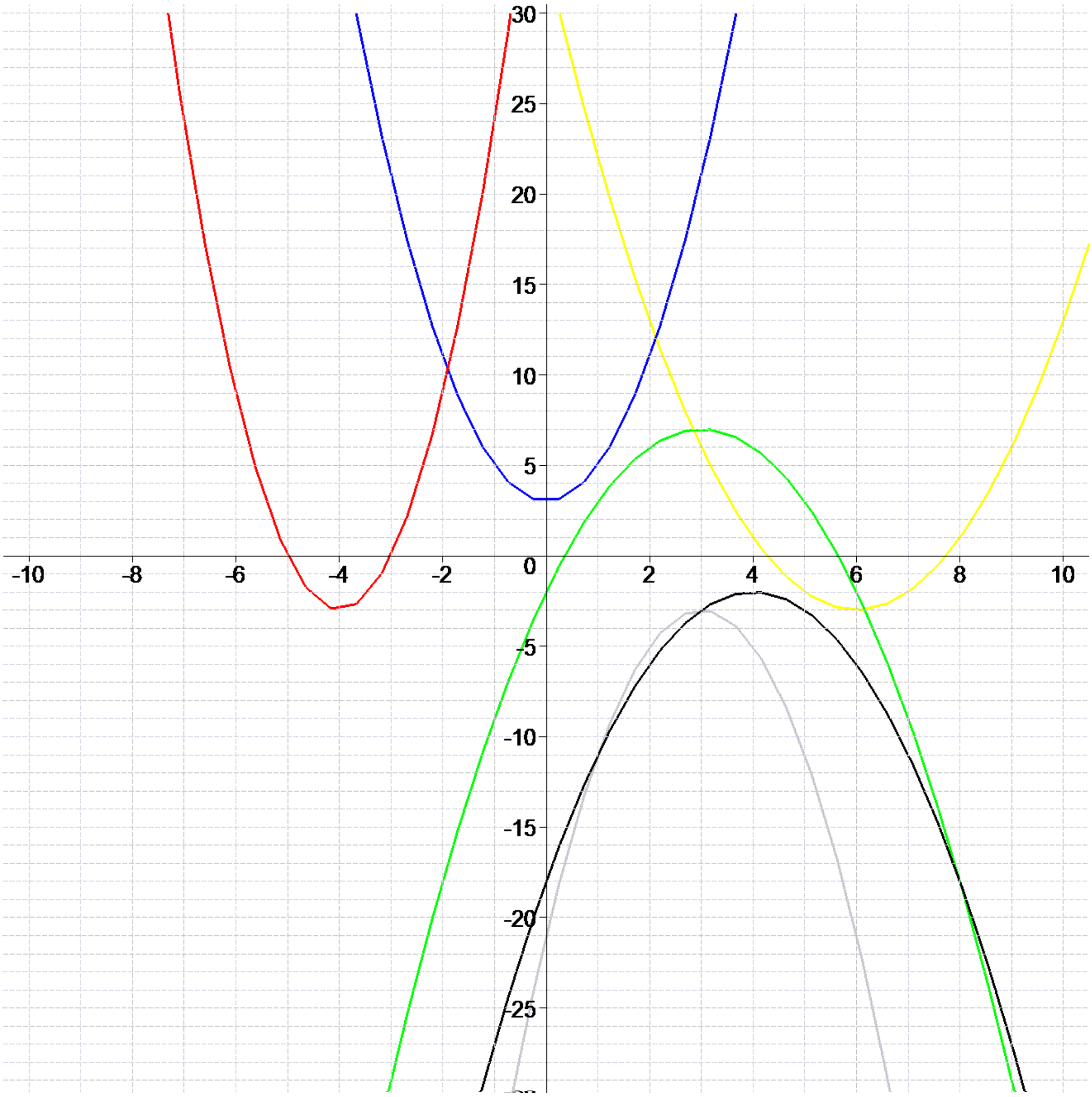
$$No6 = (p = 100 - 0.2\,x)$$

```
No7 : N  = 120   ,
    : P1 = 3000  , P2 = 3500  , P3 = 4000  ,
    : B  = 500   , M  = 1016500
No8 : P  = 1     , L  = 4     , A  = 36    , D  = 7
```


:
:
:
:

Function03 for No.9770

$$No1 = \begin{bmatrix} .1 = [y = -(x-4)^2 - 2] & .3 = [y = 3x^2 + 24x + 45] & .5 = [y = 2x^2 + 3] \\ .2 = [y = -x^2 + 6x - 2] & .4 = [y = -2(x-3)^2 - 3] & .6 = [y = (x-6)^2 - 3] \end{bmatrix}$$



$$No2 = (f(x) = x^2 - 10x + 16), \quad , No3 = (f(x) = -x^2 + 6x + 27)$$

$$No4 = (f(x) = x^2 - 4x + 4), \quad , No5 = (f(x) = -x^2 + 2x + 35)$$

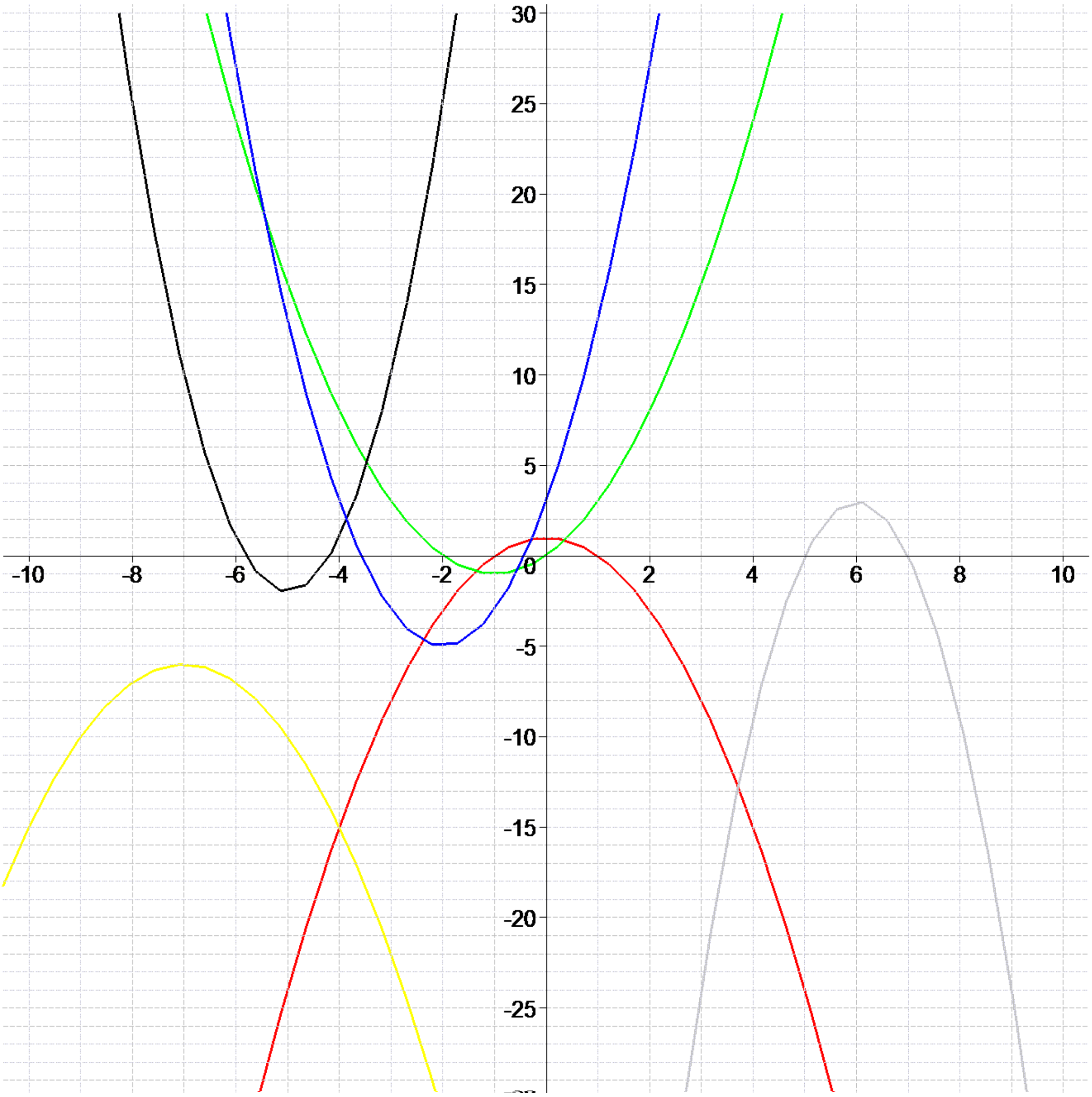
$$No6 = (p = 300 - 0.5x)$$

```
No7 : N  = 90     ,
    : P1 = 5000   , P2 = 5500   , P3 = 6000   ,
    : B  = 500    , M  = 985500
No8 : P  = 4      , L  = 8      , A  = 169    , D  = 44
```


:
:
:
:

Function03 for No.9799

$$No1 = \begin{bmatrix} .1 = [y = 2x^2 + 8x + 3] & .3 = [y = (x+1)^2 - 1] & .5 = [y = -3(x-6)^2 + 3] \\ .2 = [y = 3x^2 + 30x + 73] & .4 = [y = -(x+7)^2 - 6] & .6 = [y = -x^2 + 1] \end{bmatrix}$$



$$No2 = (f(x) = -x^2 - 10x - 25), \quad , No3 = (f(x) = -x^2 + 2x + 48)$$

$$No4 = (f(x) = x^2 + 10x + 16), \quad , No5 = (f(x) = -x^2 - 12x - 27)$$

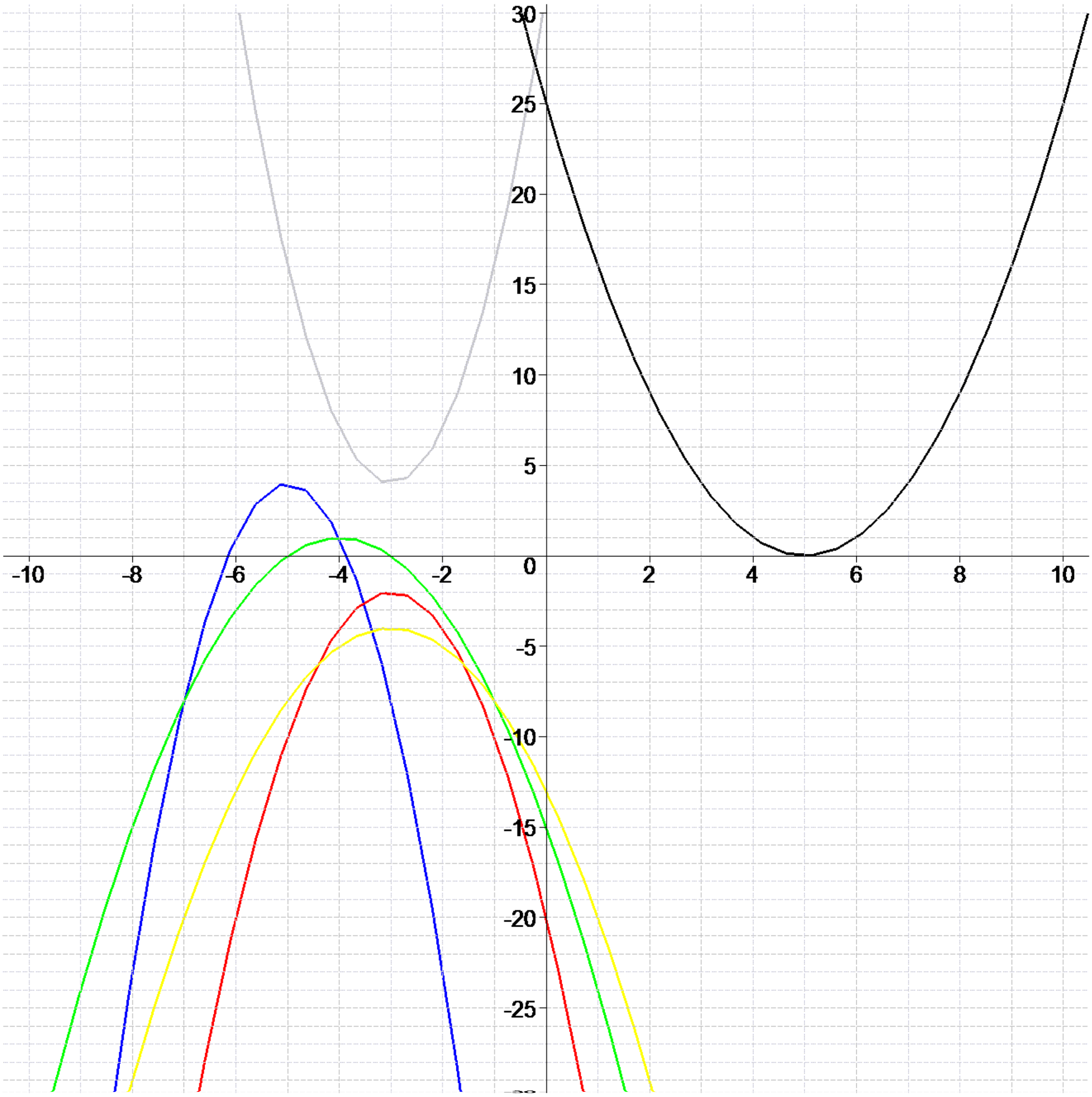
$$No6 = (p = 100 - 0.2x)$$

```
No7 : N  = 120   ,
    : P1 = 6000  , P2 = 6500  , P3 = 7000  ,
    : B  = 500   , M  = 1253500
No8 : P  = 4     , L  = 15    , A  = 25    , D  = 16
```


:
:
:
:

Function03 for No.9824

$$No1 = \begin{bmatrix} .1 = [y = (x-5)^2] & .3 = [y = -2(x+3)^2 - 2] & .5 = [y = 3(x+3)^2 + 4] \\ .2 = [y = -x^2 - 6x - 13] & .4 = [y = -x^2 - 8x - 15] & .6 = [y = -3x^2 - 30x - 71] \end{bmatrix}$$



$$No2 = (\mathrm{f}(x) = x^2 + 18x + 81), \quad , No3 = (\mathrm{f}(x) = x^2 + 2x - 3)$$

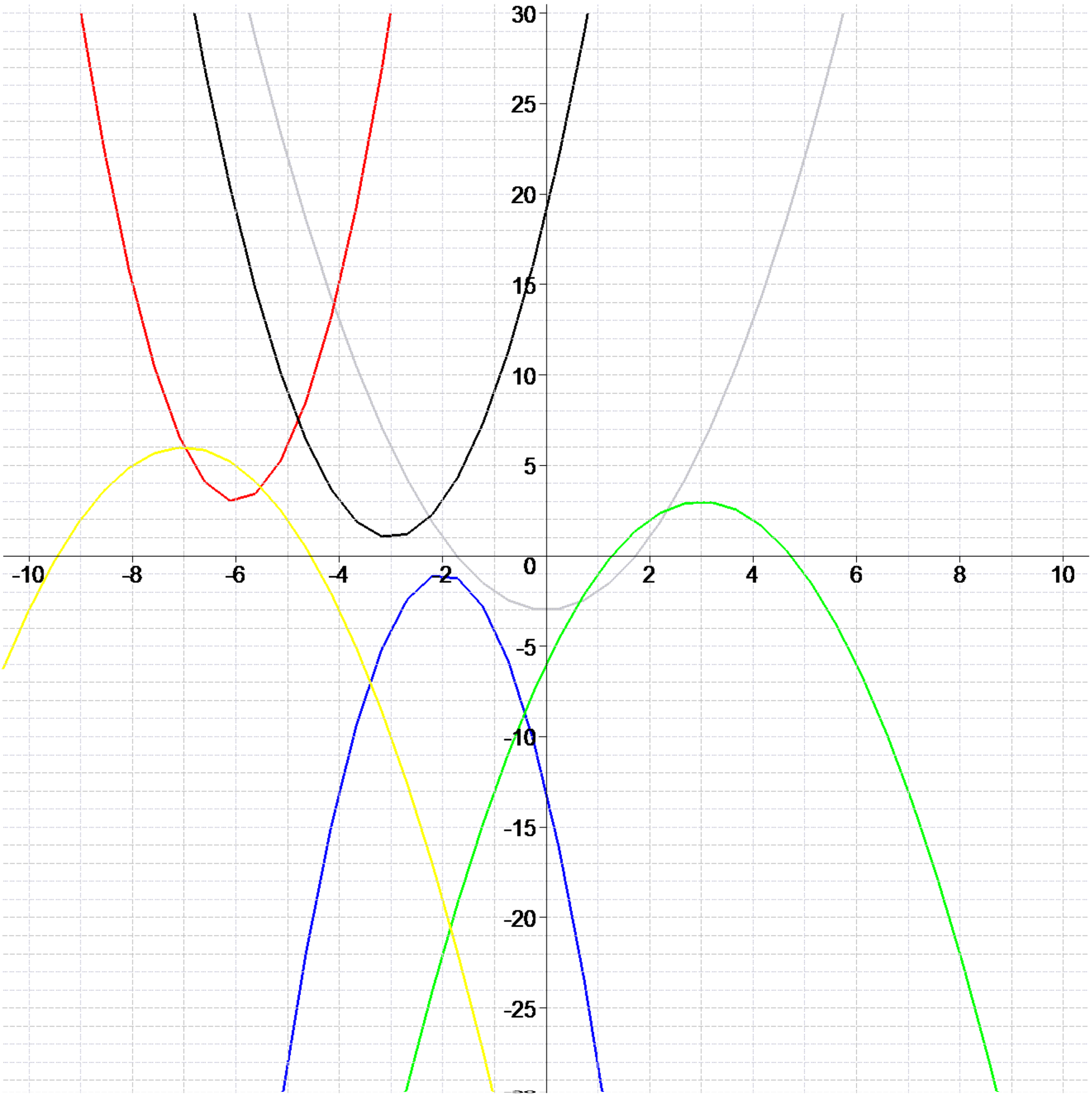
$$No4 = (\mathrm{f}(x) = x^2 - 10x + 16), \quad , No5 = (\mathrm{f}(x) = -x^2 - 8x)$$

$$No6 = (p = 200 - 0.4x)$$

```
No7 : N  = 130    ,
    : P1 = 6000   , P2 = 6300   , P3 = 6600   ,
    : B  = 300    , M  = 1298700
No8 : P  = 7      , L  = 15     , A  = 144    , D  = 77
```

Function03 for No.9853

$$No1 = \begin{bmatrix} .1 = [y = -(x+7)^2 + 6] & .3 = [y = 3x^2 + 36x + 111] & .5 = [y = x^2 - 3] \\ .2 = [y = 2(x+3)^2 + 1] & .4 = [y = -x^2 + 6x - 6] & .6 = [y = -3(x+2)^2 - 1] \end{bmatrix}$$



$$No2 = (f(x) = x^2 - 12x + 35), \quad , No3 = (f(x) = -x^2 - 2x)$$

$$No4 = (f(x) = x^2 - 8x + 16), \quad , No5 = (f(x) = x^2 - 2x - 24)$$

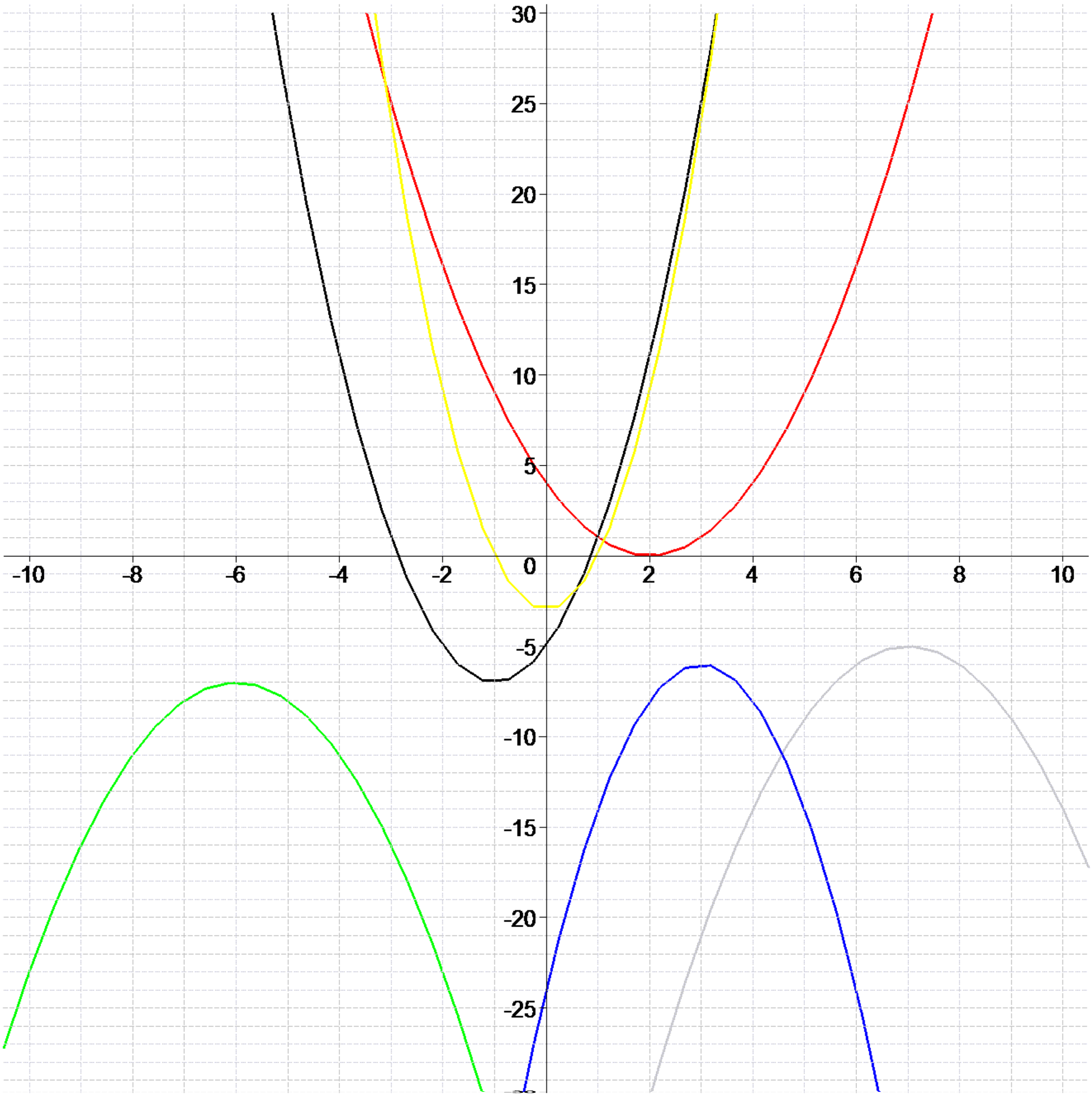
$$No6 = (p = 200 - 0.7x)$$

```
No7 : N  = 80     ,
    : P1 = 4000   , P2 = 4200   , P3 = 4400   ,
    : B  = 200    , M  = 480000
No8 : P  = 8      , L  = 12     , A  = 100    , D  = 88
```


:
:
:
:

Function03 for No.9936

$$No1 = \begin{bmatrix} .1 = [y = 3\,x^2 - 3] & .3 = [y = 2\,x^2 + 4\,x - 5] & .5 = [y = (x-2)^2] \\ .2 = [y = -2\,x^2 + 12\,x - 24] & .4 = [y = -(x-7)^2 - 5] & .6 = [y = -(x+6)^2 - 7] \end{bmatrix}$$



$$No2 = (\,\mathrm{f}(x) = x^2 - 6\,x - 16\,), \quad , No3 = (\,\mathrm{f}(x) = x^2 - 4\,x - 45\,)$$

$$No4 = (\,\mathrm{f}(x) = -x^2 + 14\,x - 49\,), \quad , No5 = (\,\mathrm{f}(x) = -x^2 - 4\,x + 12\,)$$

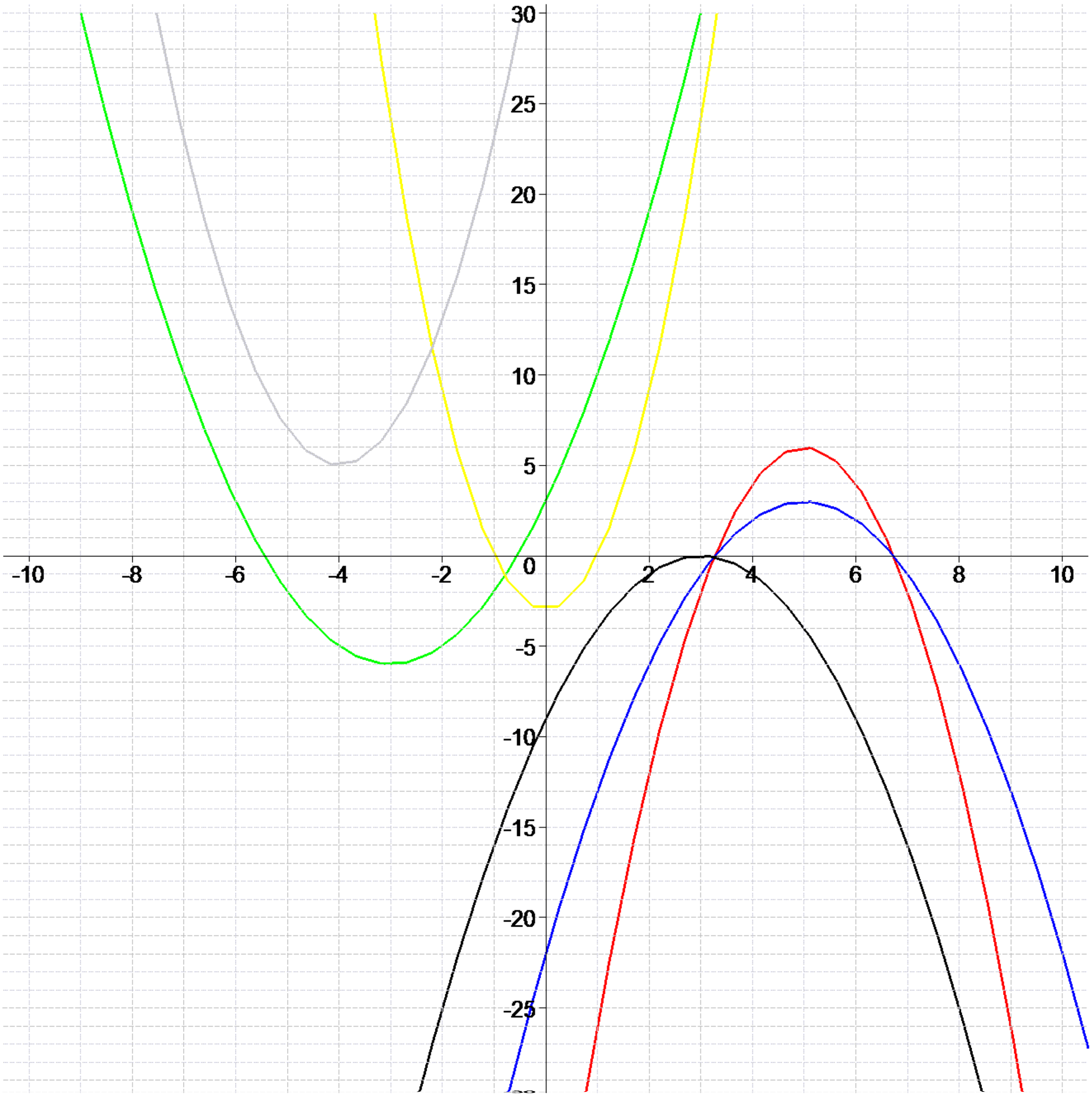
$$No6 = (\,p = 500 - 0.6\,x\,)$$

```
No7 : N  = 100    ,
    : P1 = 4000   , P2 = 4500   , P3 = 5000   ,
    : B  = 500    , M  = 1008000
No8 : P  = 8      , L  = 18     , A  = 16     , D  = 56
```


:
:
:
:

Function03 for No.10029

$$No1 = \begin{bmatrix} .1 = [y = -(x-3)^2] & .3 = [y = 2x^2 + 16x + 37] & .5 = [y = x^2 + 6x + 3] \\ .2 = [y = -(x-5)^2 + 3] & .4 = [y = 3x^2 - 3] & .6 = [y = -2x^2 + 20x - 44] \end{bmatrix}$$



$$No2 = (f(x) = -x^2 - 4x + 32), \quad , No3 = (f(x) = x^2 - 2x - 15)$$

$$No4 = (f(x) = -x^2 - 4x - 4), \quad , No5 = (f(x) = -x^2 + 2x)$$

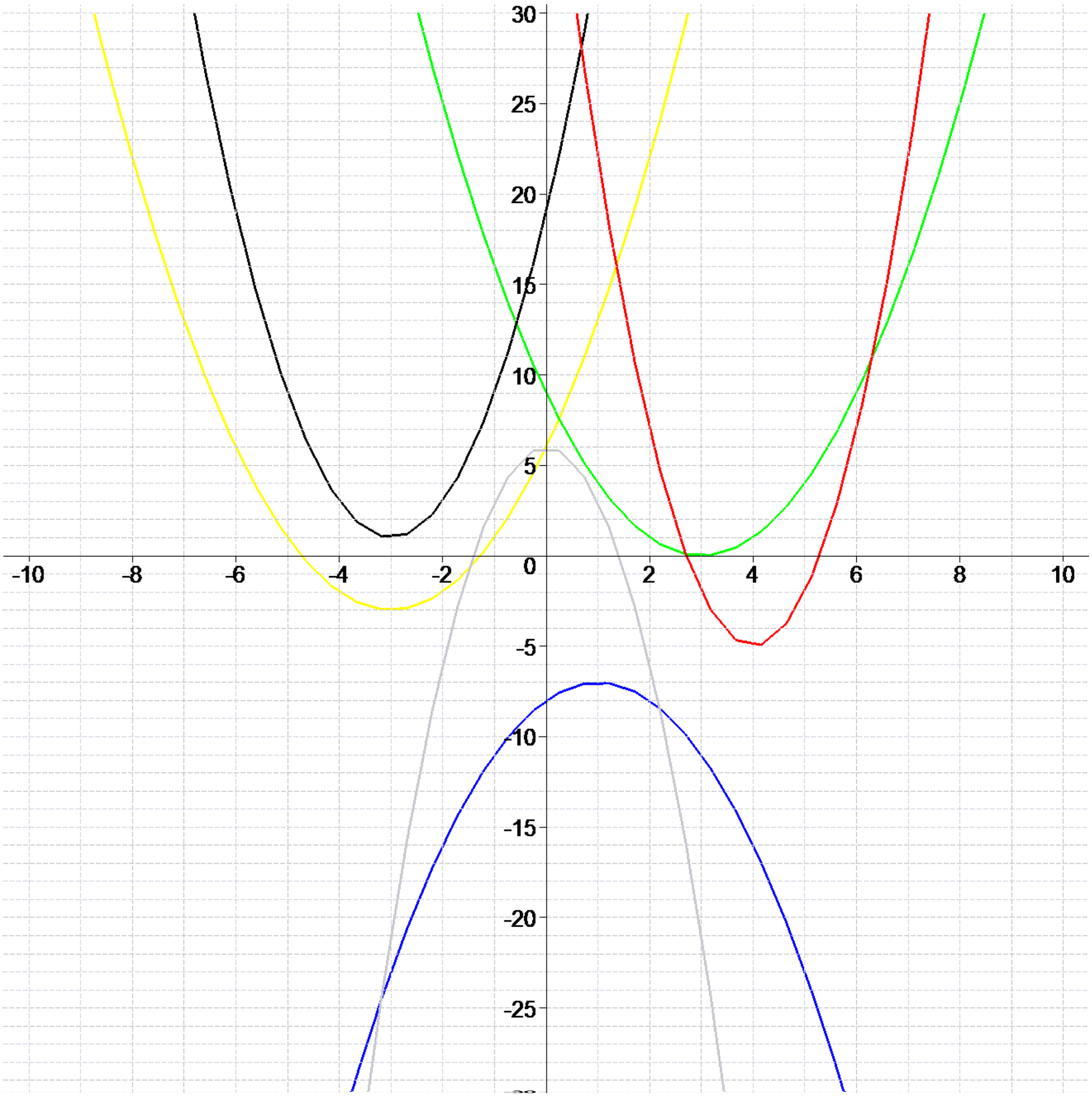
$$No6 = (p = 700 - 0.4x)$$

```
No7 : N  = 120   ,
    : P1 = 3000  , P2 = 3300  , P3 = 3600  ,
    : B  = 300   , M  = 940800
No8 : P  = 1     , L  = 6     , A  = 64    , D  = 5
```


:
:
:
:

Function03 for No.11015

$$No1 = \begin{bmatrix} .1 = [y = -3x^2 + 6] & .3 = [y = 2(x+3)^2 + 1] & .5 = [y = (x-3)^2] \\ .2 = [y = 3x^2 - 24x + 43] & .4 = [y = -x^2 + 2x - 8] & .6 = [y = (x+3)^2 - 3] \end{bmatrix}$$



$$No2 = (f(x) = x^2 + 6x + 9), \quad , No3 = (f(x) = x^2 - 2x - 15)$$

$$No4 = (f(x) = x^2 + 6x + 8), \quad , No5 = (f(x) = -x^2 + 49)$$

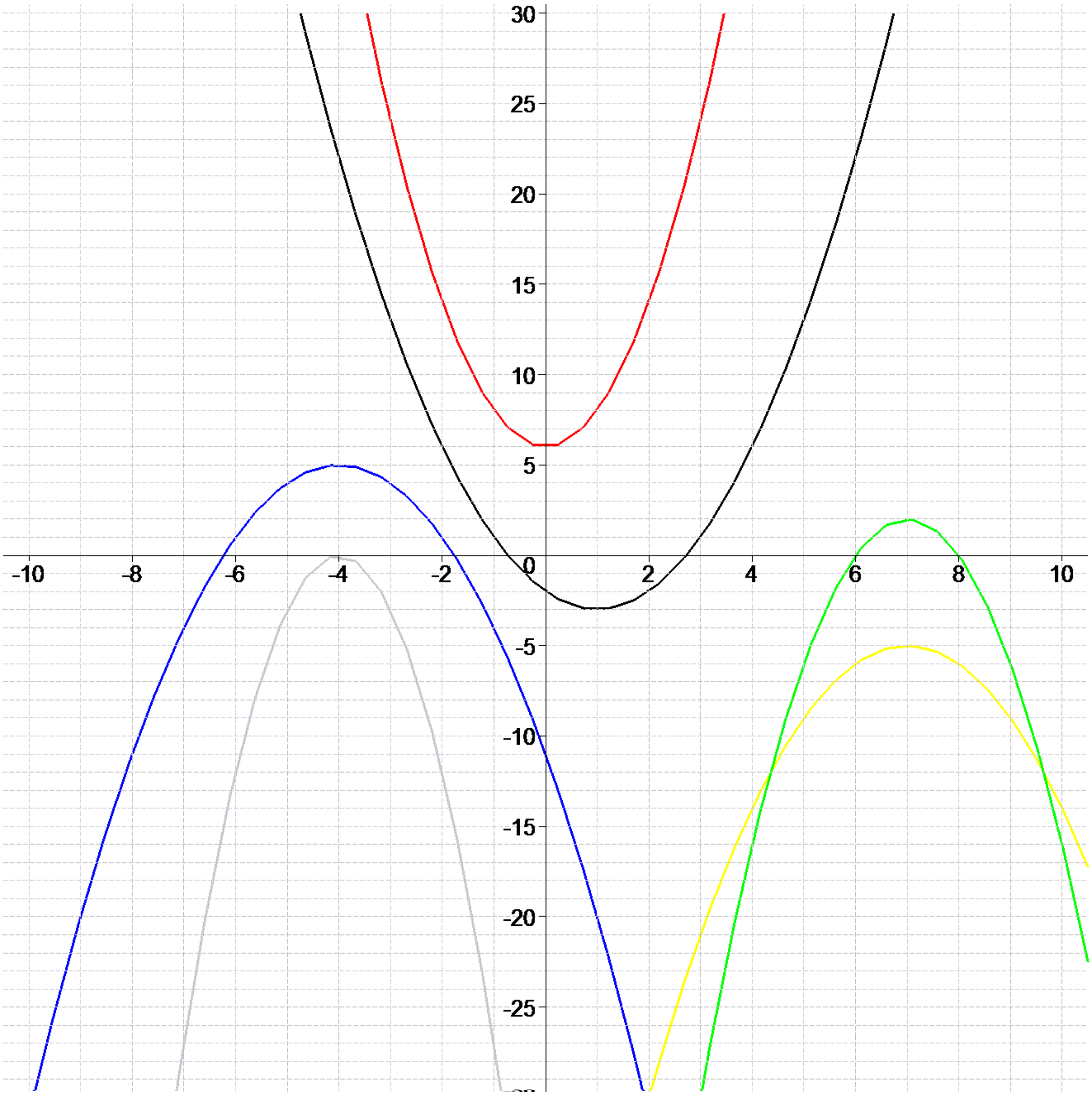
$$No6 = (p = 700 - 0.5x)$$

```
No7 : N  = 90    ,
    : P1 = 3000  , P2 = 3300  , P3 = 3600  ,
    : B  = 300   , M  = 641700
No8 : P  = 9     , L  = 20    , A  = 9     , D  = 81
```


:
:
:
:

Function03 for No.11124

$$No1 = \begin{bmatrix} .1 = [y = -3\,(x+4)^2] & .3 = [y = -x^2 - 8\,x - 11] & .5 = [y = -2\,x^2 + 28\,x - 96] \\ .2 = [y = (x-1)^2 - 3] & .4 = [y = 2\,x^2 + 6] & .6 = [y = -(x-7)^2 - 5] \end{bmatrix}$$



$$No2 = (\,f(x) = -x^2 + 14\,x - 49\,), \quad , No3 = (\,f(x) = -x^2 + 2\,x + 8\,)$$

$$No4 = (\,f(x) = -x^2 - 6\,x + 7\,), \quad , No5 = (\,f(x) = x^2 + 12\,x + 35\,)$$

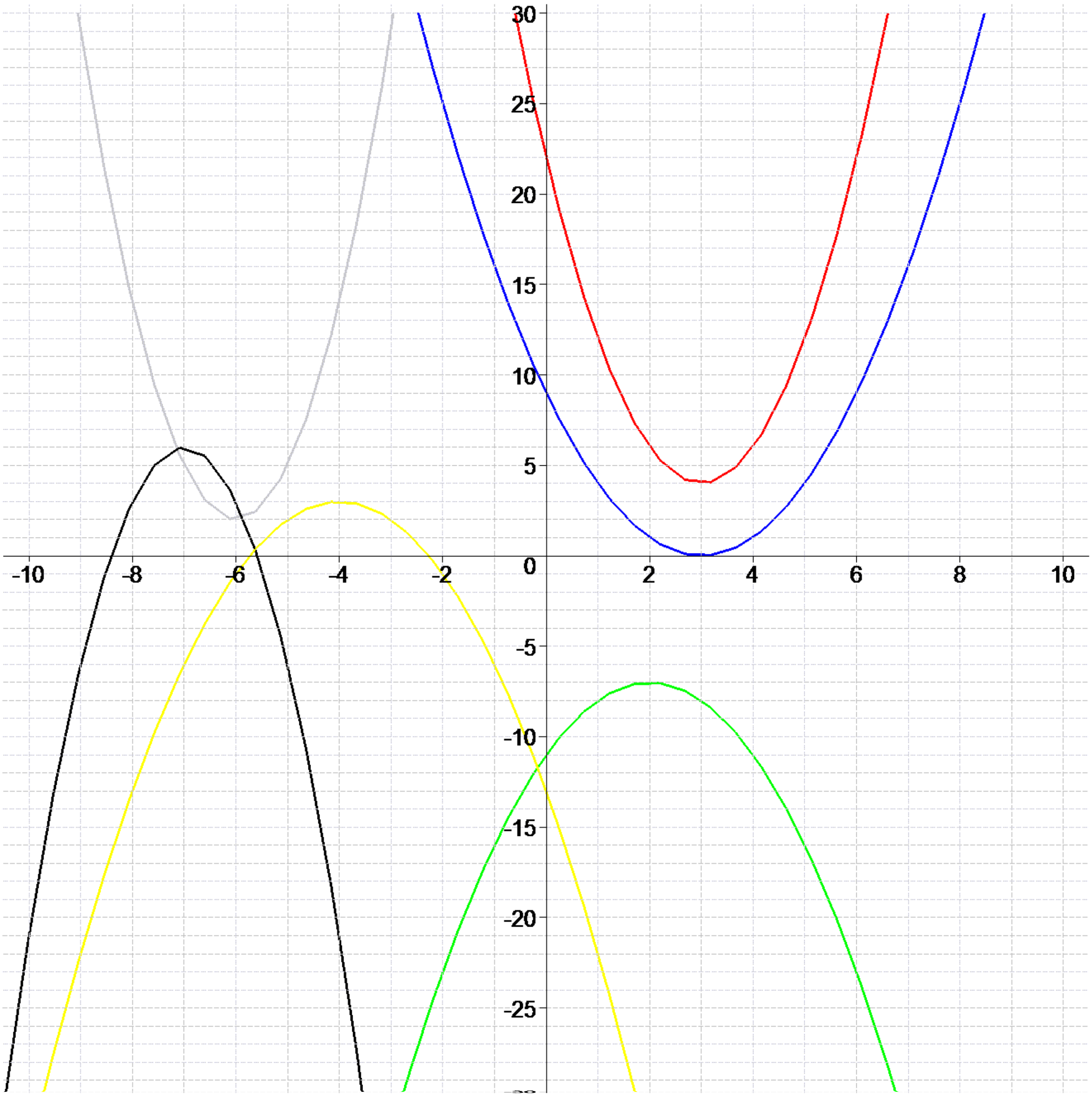
$$No6 = (\,p = 500 - 0.5\,x\,)$$

```
No7 : N  = 100    ,
    : P1 = 3000   , P2 = 3500   , P3 = 4000   ,
    : B  = 500    , M  = 1092000
No8 : P  = 5      , L  = 13     , A  = 49     , D  = 25
```


:
:
:
:

Function03 for No.11785

$$No1 = \begin{bmatrix} .1 = [y = x^2 - 6x + 9] & .3 = [y = -3x^2 - 42x - 141] & .5 = [y = 2x^2 - 12x + 22] \\ .2 = [y = -(x+4)^2 + 3] & .4 = [y = -(x-2)^2 - 7] & .6 = [y = 3(x+6)^2 + 2] \end{bmatrix}$$



$$No2 = (f(x) = -x^2 + 2x + 63), \quad , No3 = (f(x) = x^2 - 8x + 16)$$

$$No4 = (f(x) = x^2 + 4x - 21), \quad , No5 = (f(x) = -x^2 - 14x - 48)$$

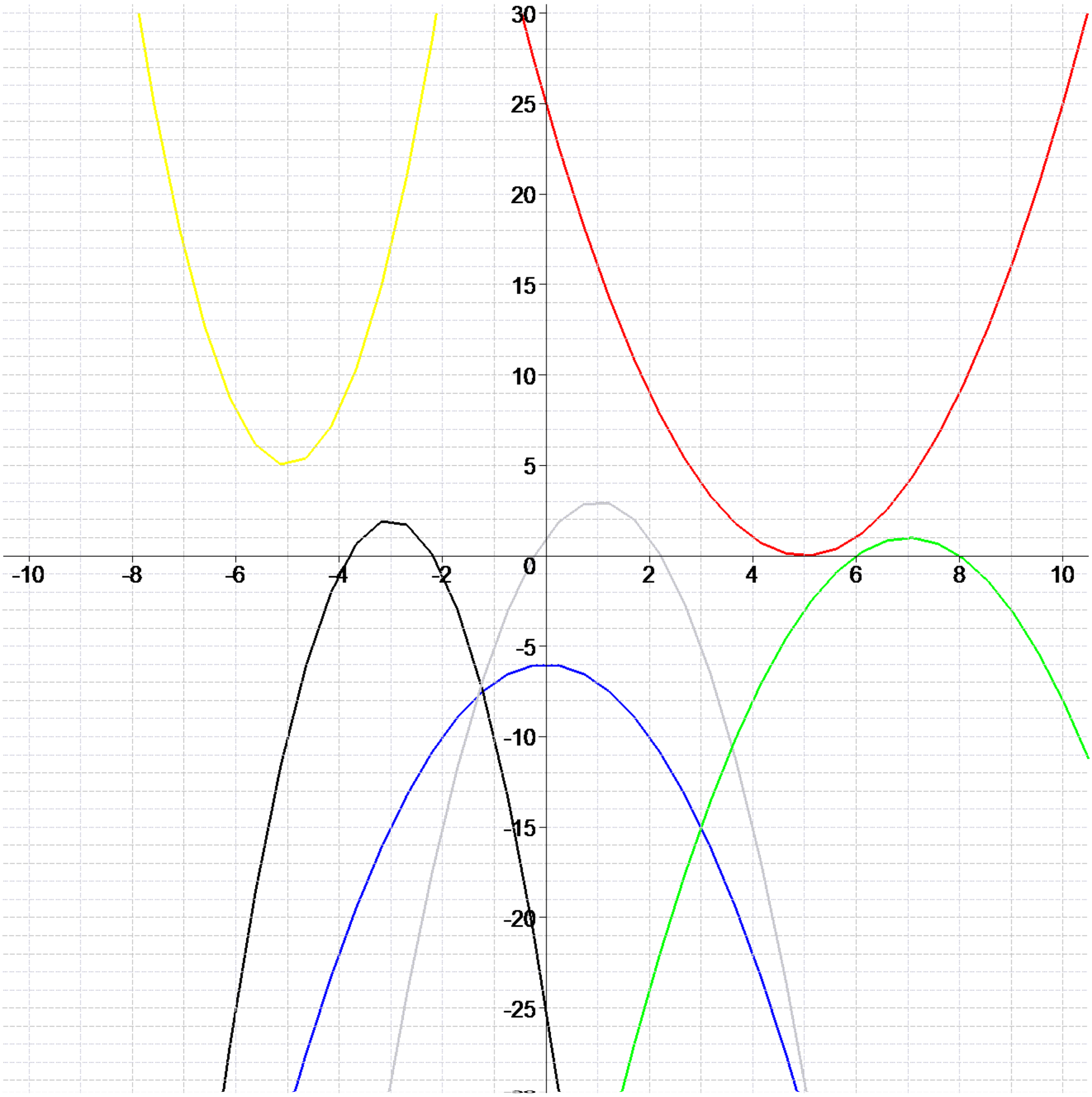
$$No6 = (p = 600 - 0.6x)$$

```
No7 : N  = 130   ,
    : P1 = 6000  , P2 = 6300  , P3 = 6600  ,
    : B  = 300   , M  = 1132800
No8 : P  = 11    , L  = 18    , A  = 64    , D  = 110
```


:
:
:
:

Function03 for No.11787

$$No1 = \begin{bmatrix} .1 = [y = -x^2 + 14x - 48] & .3 = [y = -3(x+3)^2 + 2] & .5 = [y = 3x^2 + 30x + 80] \\ .2 = [y = -2x^2 + 4x + 1] & .4 = [y = (x-5)^2] & .6 = [y = -x^2 - 6] \end{bmatrix}$$



$$No2 = (f(x) = -x^2 - 10x - 25), \quad , No3 = (f(x) = -x^2 + 4x - 3)$$

$$No4 = (f(x) = -x^2 - 10x - 24), \quad , No5 = (f(x) = x^2 + 6x - 16)$$

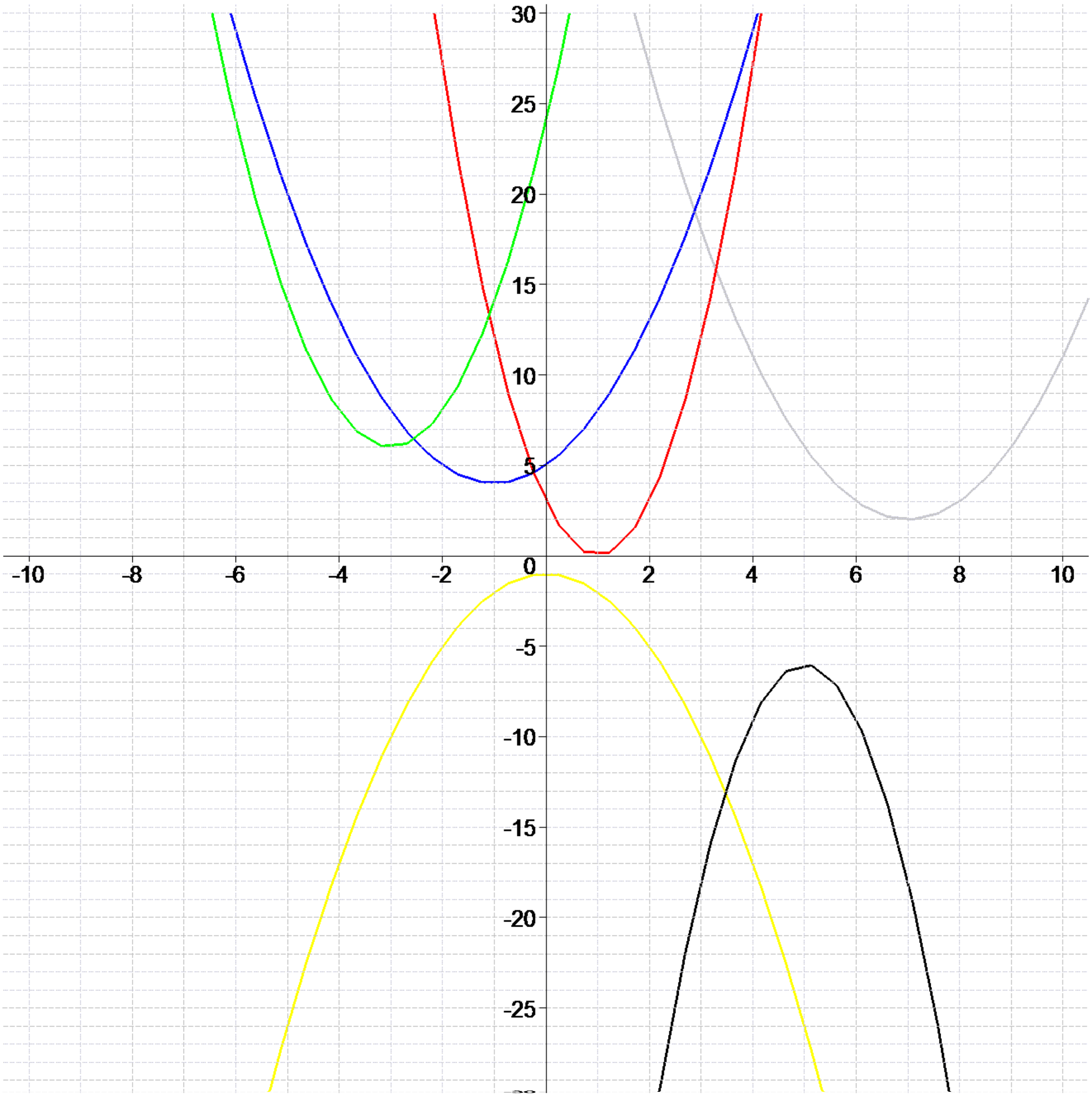
$$No6 = (p = 200 - 0.7x)$$

```
No7 : N  = 90    ,
    : P1 = 3000  , P2 = 3300  , P3 = 3600  ,
    : B  = 300   , M  = 577200
No8 : P  = 3     , L  = 4     , A  = 16    , D  = 15
```


:
:
:
:

Function03 for No.11852

$$No1 = \begin{bmatrix} .1 = [y = 2\,(x+3)^2 + 6] & .3 = [y = x^2 + 2\,x + 5] & .5 = [y = -3\,(x-5)^2 - 6] \\ .2 = [y = 3\,x^2 - 6\,x + 3] & .4 = [y = (x-7)^2 + 2] & .6 = [y = -x^2 - 1] \end{bmatrix}$$



$$No2 = (\,f(x) = x^2 + 2\,x\,), \quad , No3 = (\,f(x) = -x^2 + 2\,x + 48\,)$$

$$No4 = (\,f(x) = -x^2 + 10\,x - 21\,), \quad , No5 = (\,f(x) = -x^2 + 2\,x - 1\,)$$

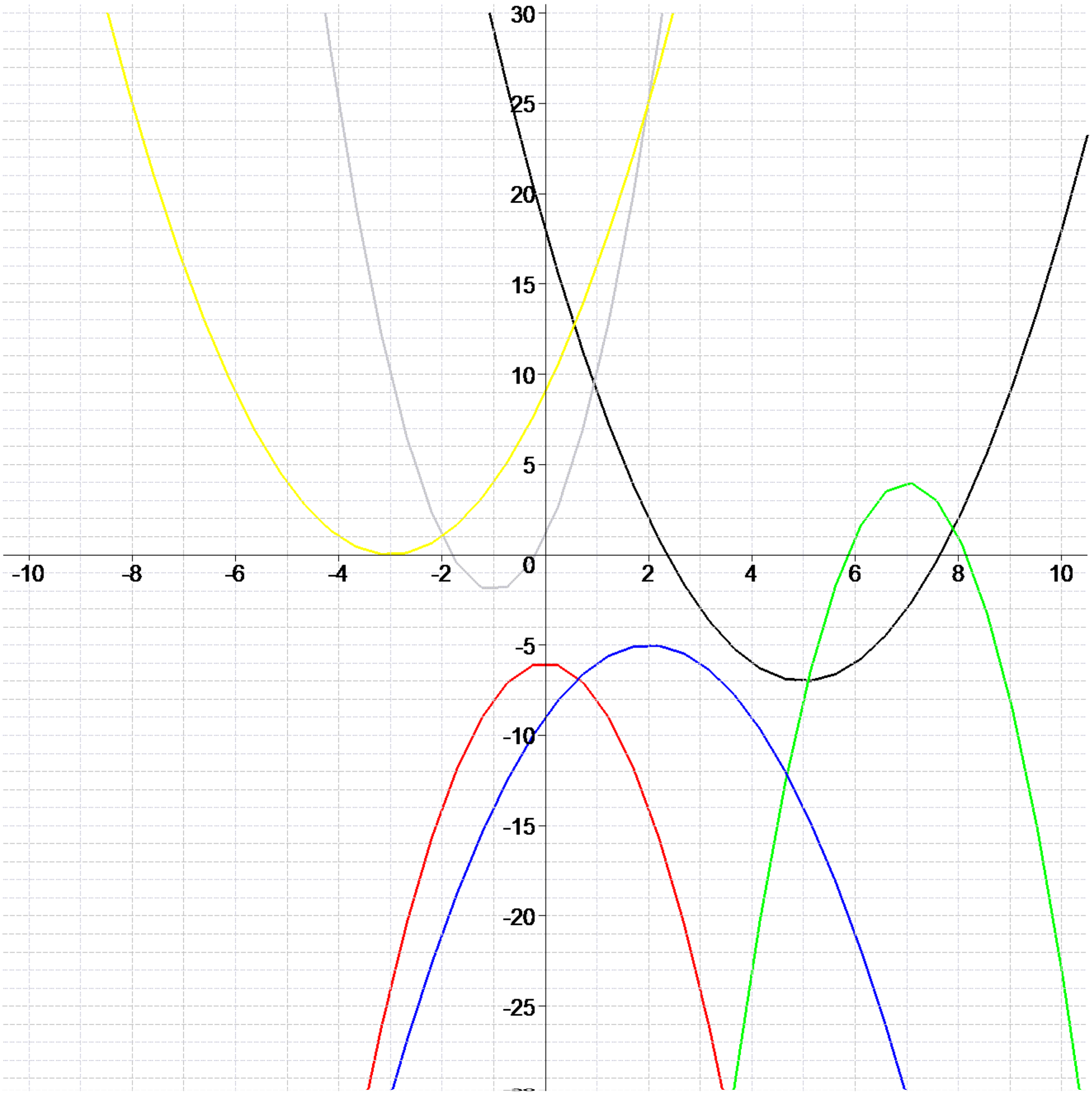
$$No6 = (\,p = 100 - 0.1\,x\,)$$

```
No7 : N  = 110   ,
    : P1 = 6000  , P2 = 6600  , P3 = 7200  ,
    : B  = 600   , M  = 1425000
No8 : P  = 2     , L  = 5     , A  = 144   , D  = 14
```


:
:
:
:

Function03 for No.11898

$$No1 = \begin{bmatrix} .1 = [y = x^2 + 6x + 9] & .3 = [y = 3(x+1)^2 - 2] & .5 = [y = x^2 - 10x + 18] \\ .2 = [y = -(x-2)^2 - 5] & .4 = [y = -3x^2 + 42x - 143] & .6 = [y = -2x^2 - 6] \end{bmatrix}$$



$$No2 = (f(x) = -x^2 - 2x + 35), \quad , No3 = (f(x) = -x^2 + 6x)$$

$$No4 = (f(x) = -x^2 - 4x - 4), \quad , No5 = (f(x) = x^2 - 25)$$

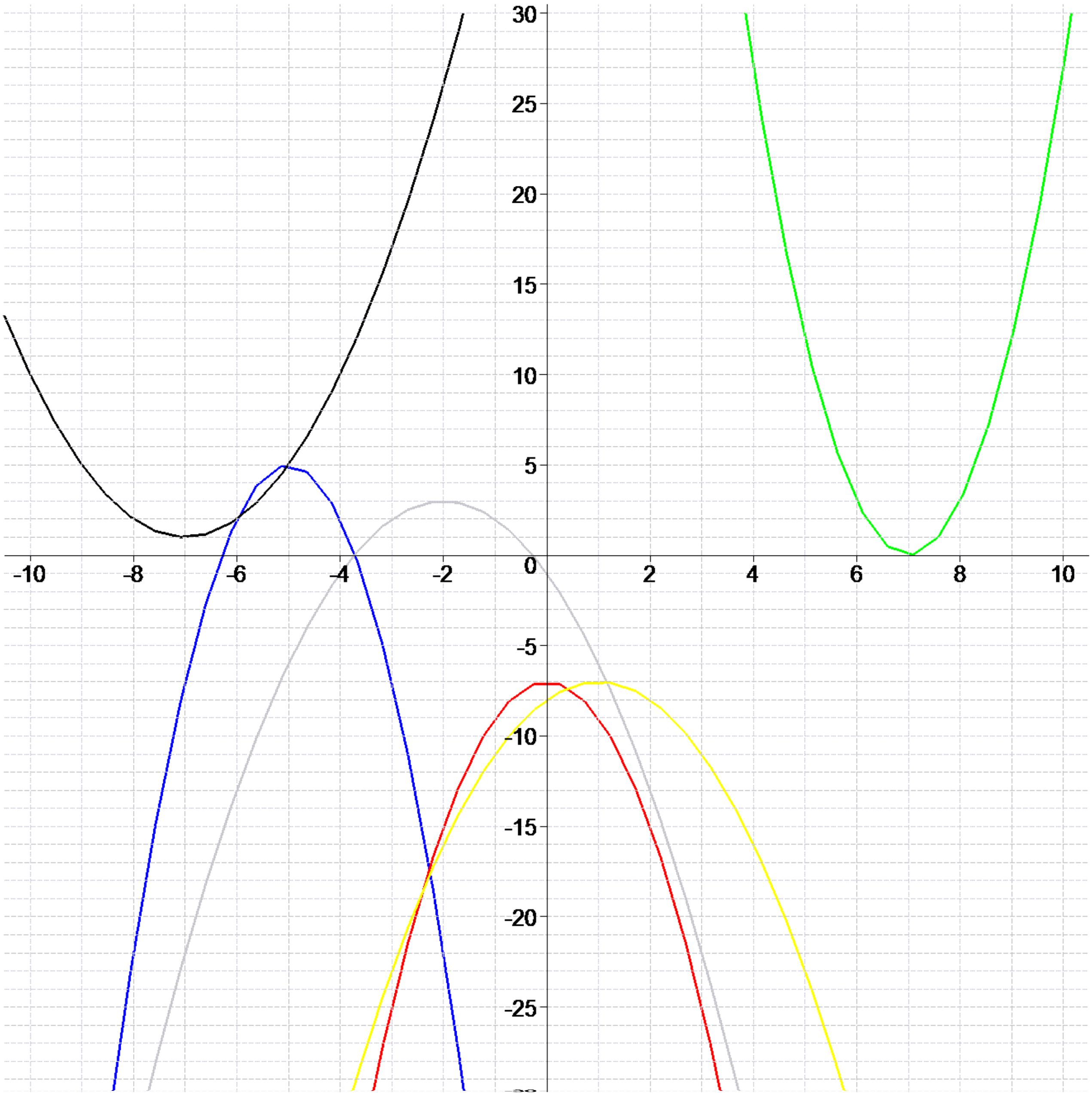
$$No6 = (p = 700 - 0.2x)$$

```
No7 : N  = 120   ,
    : P1 = 4000  , P2 = 4400  , P3 = 4800  ,
    : B  = 400   , M  = 1112400
No8 : P  = 11    , L  = 16    , A  = 64    , D  = 55
```


:
:
:
:

Function03 for No.11909

$$No1 = \begin{bmatrix} .1 = [y = -x^2 + 2x - 8] & .3 = [y = (x+7)^2 + 1] & .5 = [y = -2x^2 - 7] \\ .2 = [y = -x^2 - 4x - 1] & .4 = [y = 3(x-7)^2] & .6 = [y = -3(x+5)^2 + 5] \end{bmatrix}$$



$$No2 = (f(x) = -x^2 + 4x - 4), \quad , No3 = (f(x) = -x^2 - 4x)$$

$$No4 = (f(x) = x^2 + 2x - 35), \quad , No5 = (f(x) = -x^2 - 8x - 15)$$

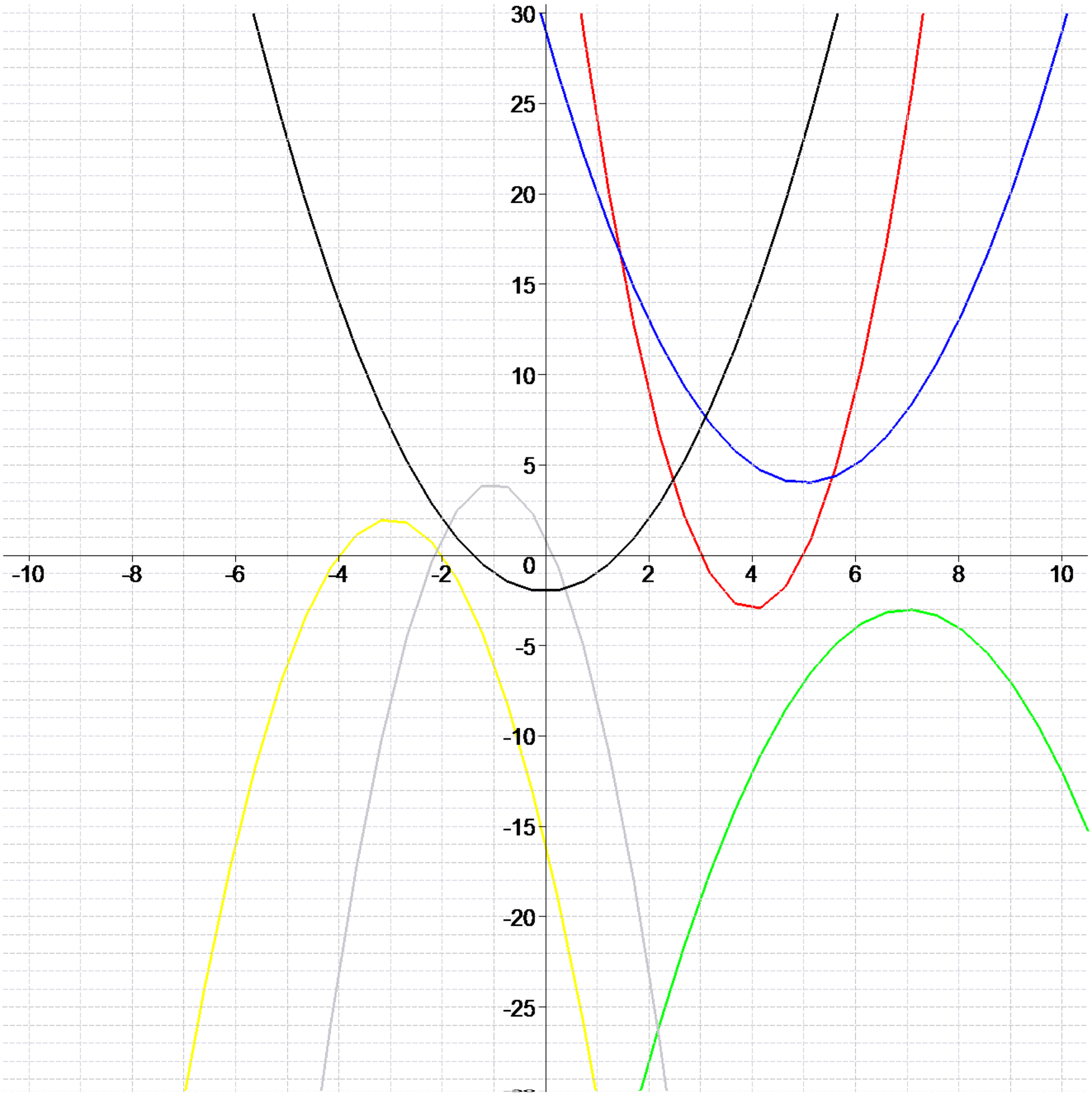
$$No6 = (p = 300 - 0.6x)$$

```
No7 : N  = 120    ,
    : P1 = 4000   , P2 = 4200   , P3 = 4400   ,
    : B  = 200    , M  = 800000
No8 : P  = 11     , L  = 18     , A  = 100    , D  = 88
```


:
:
:
:

Function03 for No.11944

$$No1 = \begin{bmatrix} .1 = [y = x^2 - 2] & .3 = [y = 3\,(x-4)^2 - 3] & .5 = [y = -2\,x^2 - 12\,x - 16] \\ .2 = [y = (x-5)^2 + 4] & .4 = [y = -3\,x^2 - 6\,x + 1] & .6 = [y = -x^2 + 14\,x - 52] \end{bmatrix}$$



$$No2 = (\mathrm{f}(x) = -x^2 + 8\,x - 15), \quad , No3 = (\mathrm{f}(x) = x^2 - 4\,x - 21)$$

$$No4 = (\mathrm{f}(x) = x^2 - 14\,x + 49), \quad , No5 = (\mathrm{f}(x) = x^2 - 2\,x - 63)$$

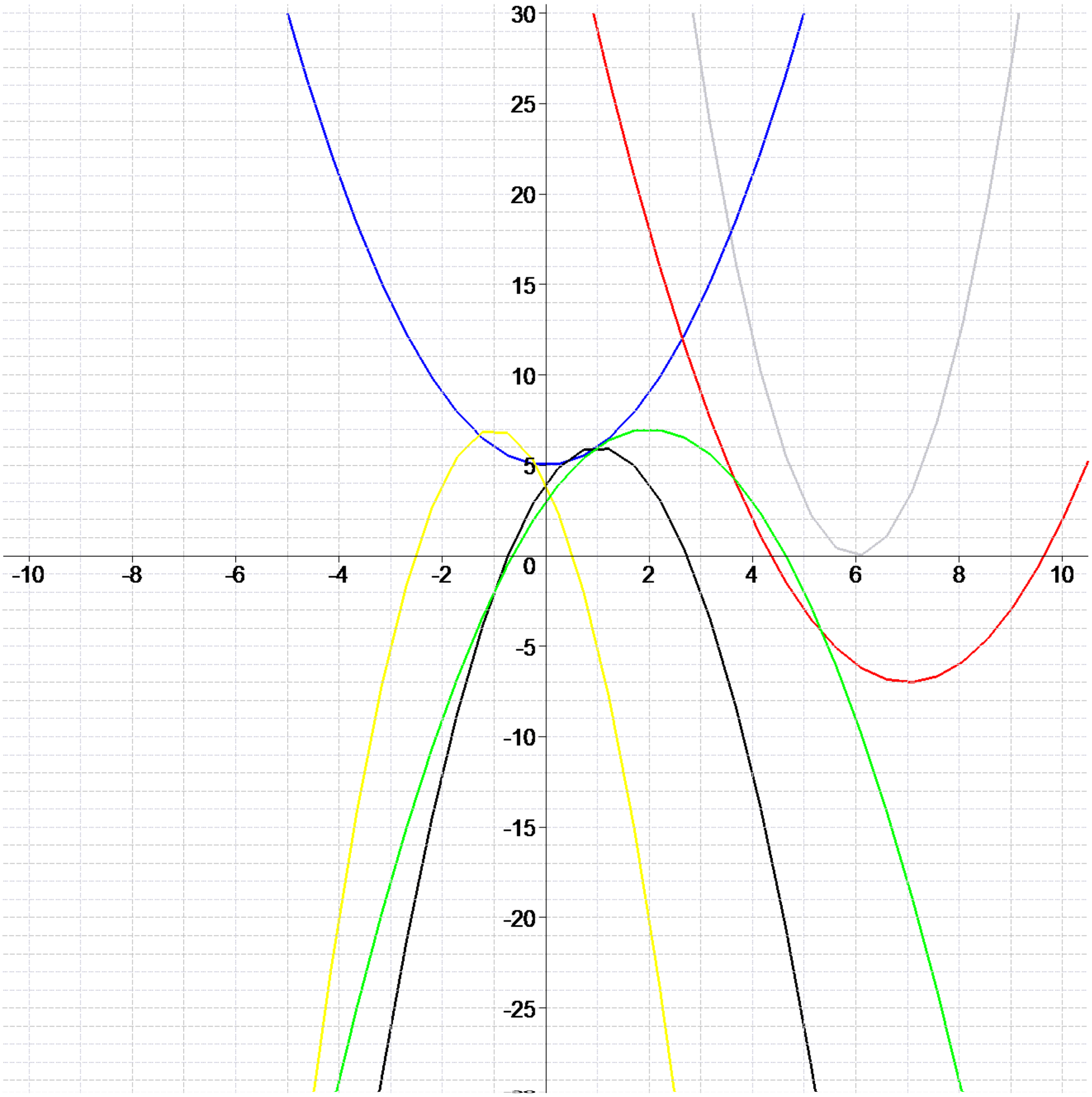
$$No6 = (p = 100 - 0.6\,x)$$

```
No7 : N  = 80     ,
    : P1 = 7000   , P2 = 7500   , P3 = 8000   ,
    : B  = 500    , M  = 884000
No8 : P  = 7      , L  = 14     , A  = 36     , D  = 84
```


:
:
:
:

Function03 for No.11961

$$No1 = \begin{bmatrix} .1 = [y = -x^2 + 4x + 3] & .3 = [y = -3x^2 - 6x + 4] & .5 = [y = x^2 + 5] \\ .2 = [y = (x-7)^2 - 7] & .4 = [y = -2(x-1)^2 + 6] & .6 = [y = 3(x-6)^2] \end{bmatrix}$$



$$No2 = (f(x) = -x^2 - 6x - 5), \quad , No3 = (f(x) = x^2 + 2x - 48)$$

$$No4 = (f(x) = x^2 - 10x + 9), \quad , No5 = (f(x) = -x^2 - 4x - 4)$$

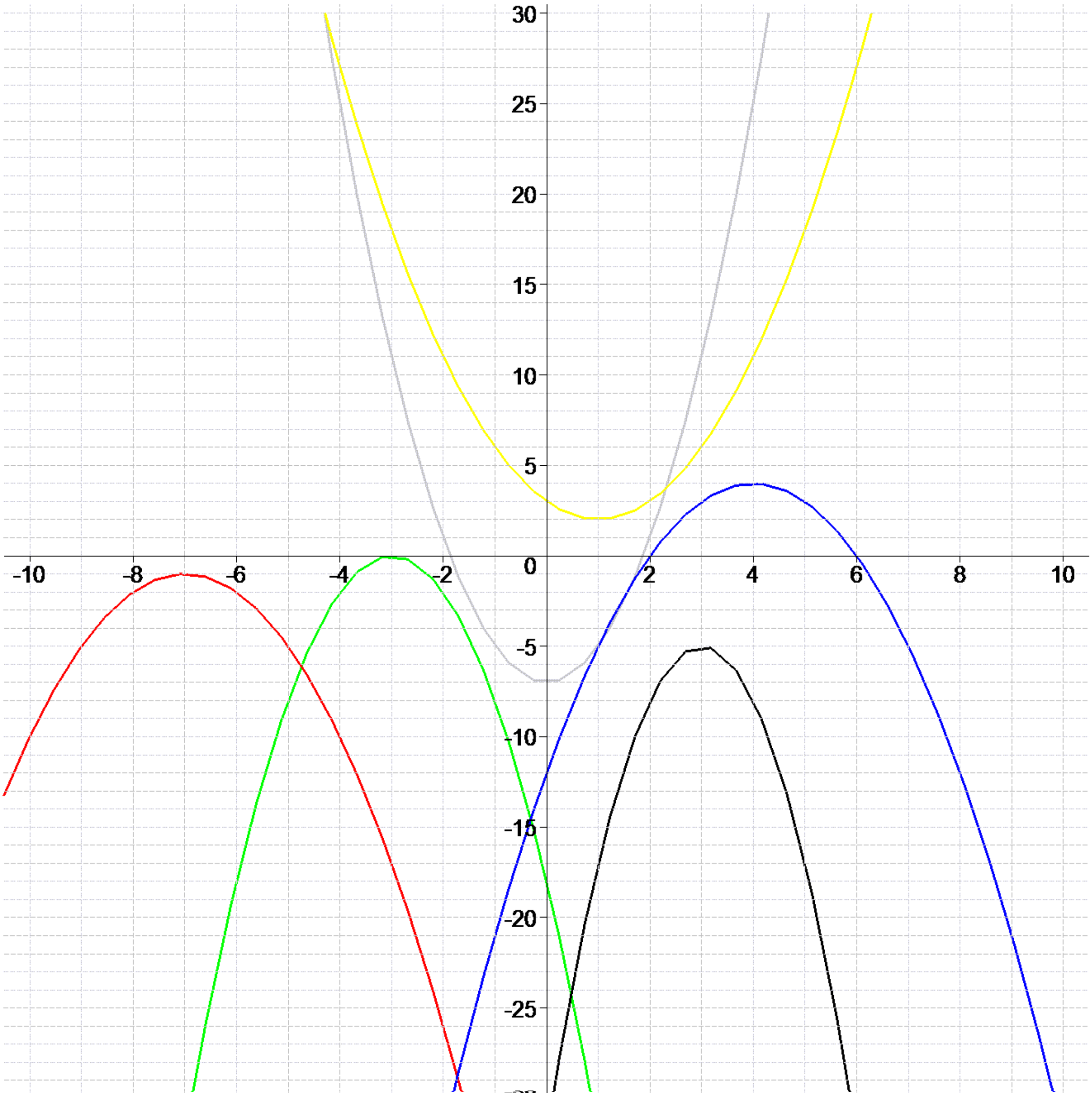
$$No6 = (p = 500 - 0.2x)$$

```
No7 : N  = 70     ,
    : P1 = 6000   , P2 = 6300   , P3 = 6600   ,
    : B  = 300    , M  = 577500
No8 : P  = 5      , L  = 6      , A  = 16     , D  = 35
```


:
:
:
:

Function03 for No.11966

$$No1 = \begin{bmatrix} .1 = [y = -(x-4)^2 + 4] & .3 = [y = -(x+7)^2 - 1] & .5 = [y = -2x^2 - 12x - 18] \\ .2 = [y = -3x^2 + 18x - 32] & .4 = [y = (x-1)^2 + 2] & .6 = [y = 2x^2 - 7] \end{bmatrix}$$



$$No2 = (f(x) = x^2 - 6x + 5), \quad , No3 = (f(x) = -x^2 + 8x - 16)$$

$$No4 = (f(x) = -x^2 - 8x), \quad , No5 = (f(x) = x^2 - 10x + 16)$$

$$No6 = (p = 600 - 0.6x)$$

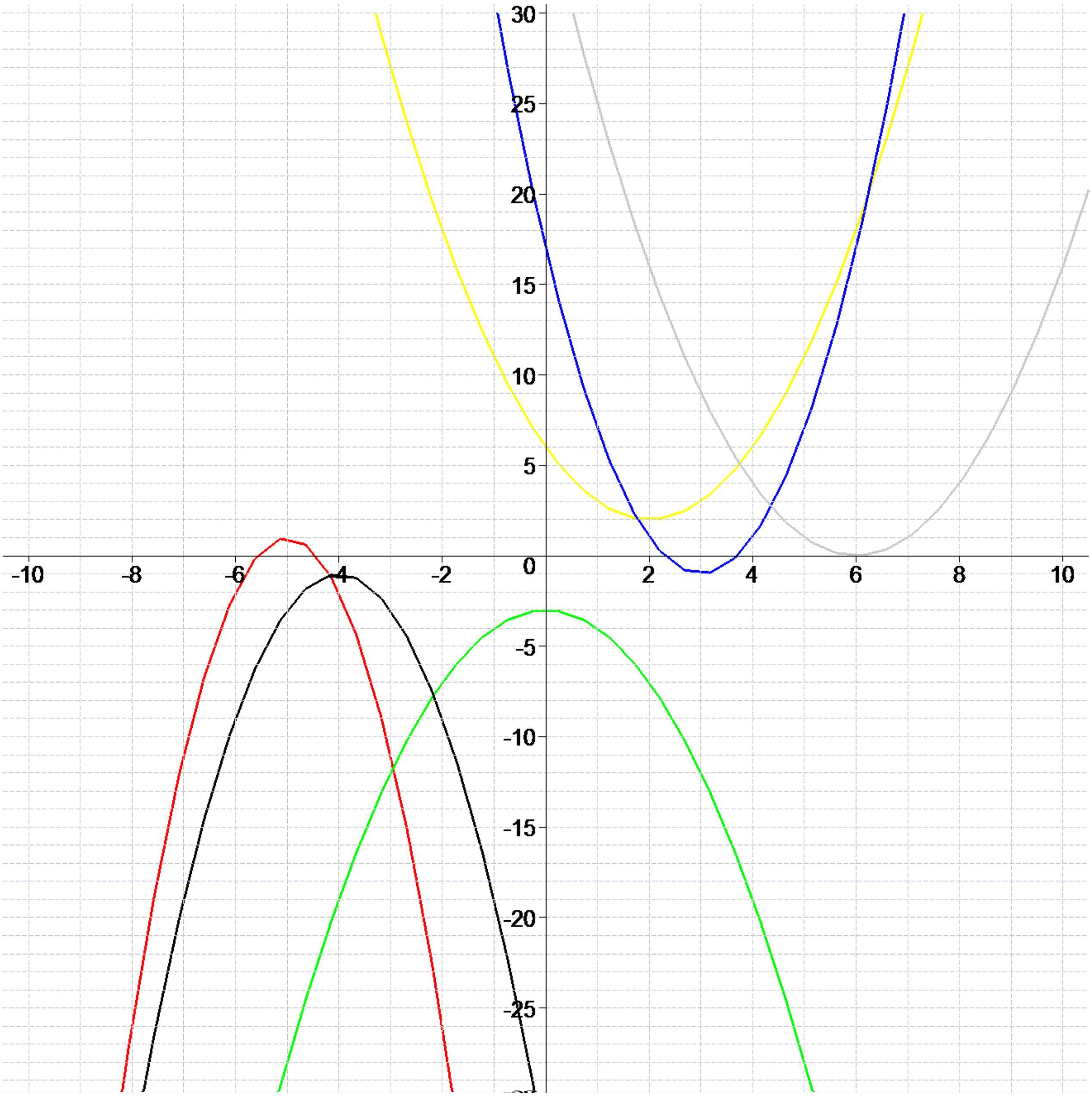
```
No7 : N  = 90     ,
    : P1 = 6000   , P2 = 6200   , P3 = 6400   ,
    : B  = 200    , M  = 680800
No8 : P  = 9      , L  = 19     , A  = 144    , D  = 54
```


:
:
:
:

Function03 for No.12024

$No1 =$

$$\begin{bmatrix} .1 = [y = -2x^2 - 16x - 33] & .3 = [y = -x^2 - 3] & .5 = [y = 2x^2 - 12x + 17] \\ .2 = [y = (x-6)^2] & .4 = [y = -3x^2 - 30x - 74] & .6 = [y = (x-2)^2 + 2] \end{bmatrix}$$



$$No2 = (f(x) = -x^2 - 10x - 16), \quad , No3 = (f(x) = x^2 - 4x + 3)$$

$$No4 = (f(x) = -x^2 - 18x - 81), \quad , No5 = (f(x) = -x^2 + 4x + 45)$$

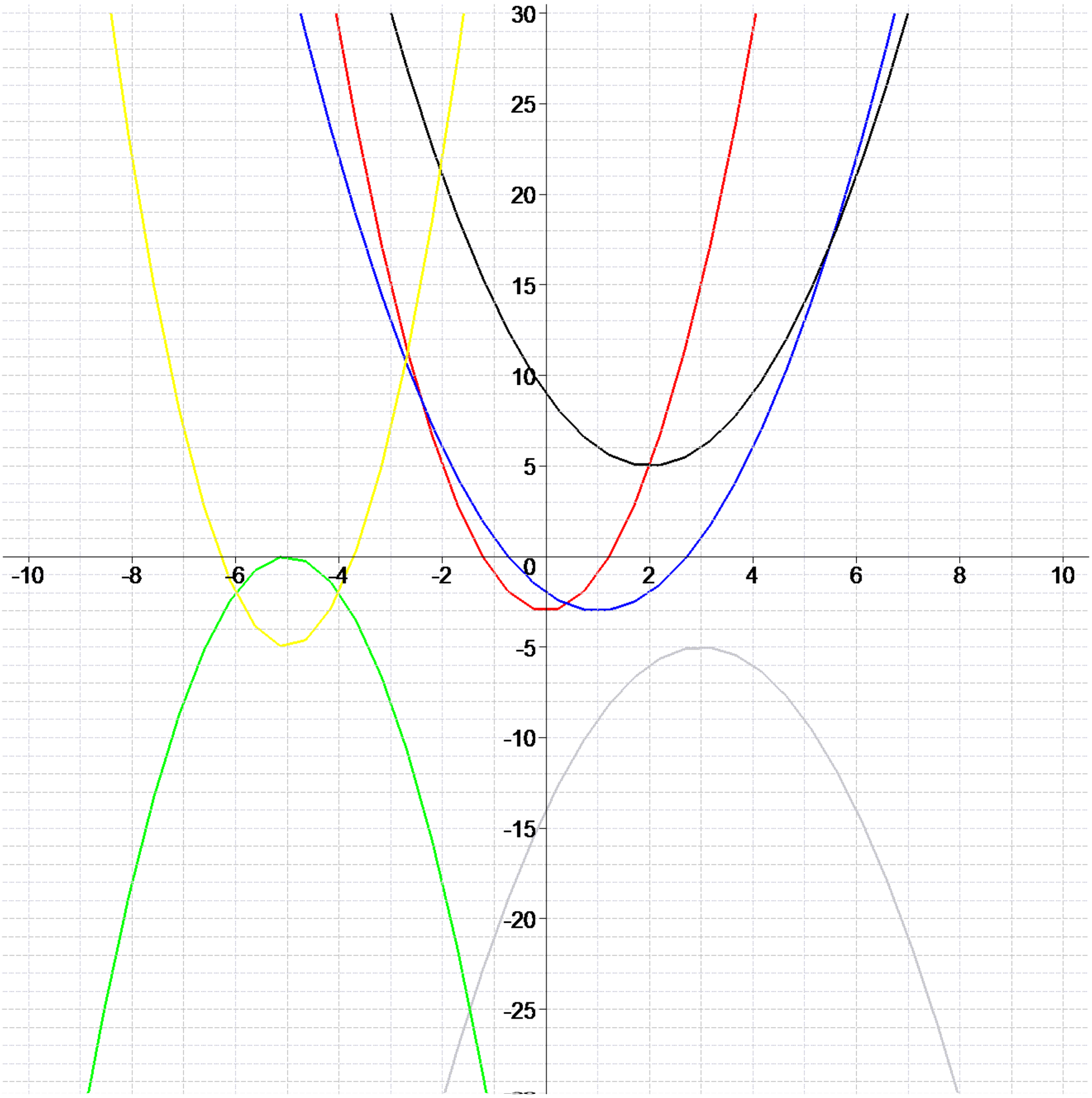
$$No6 = (p = 600 - 0.5x)$$

```
No7 : N  = 100    ,
    : P1 = 3000   , P2 = 3500   , P3 = 4000   ,
    : B  = 500    , M  = 792000
No8 : P  = 7      , L  = 12     , A  = 100    , D  = 49
```


:
:
:

Function03 for No.12045

$$No1 = \begin{bmatrix} .1 = [y = 3x^2 + 30x + 70] & .3 = [y = -2(x+5)^2] & .5 = [y = -(x-3)^2 - 5] \\ .2 = [y = (x-2)^2 + 5] & .4 = [y = x^2 - 2x - 2] & .6 = [y = 2x^2 - 3] \end{bmatrix}$$



$$No2 = (f(x) = x^2 + 8x + 16), \quad , No3 = (f(x) = x^2 + 4x - 12)$$

$$No4 = (f(x) = -x^2 - 10x - 21), \quad , No5 = (f(x) = -x^2 + 8x - 15)$$

$$No6 = (p = 700 - 0.2x)$$

```
No7 : N  = 100   ,
    : P1 = 4000  , P2 = 4500  , P3 = 5000  ,
    : B  = 500   , M  = 845500
No8 : P  = 3     , L  = 12    , A  = 64    , D  = 18
```

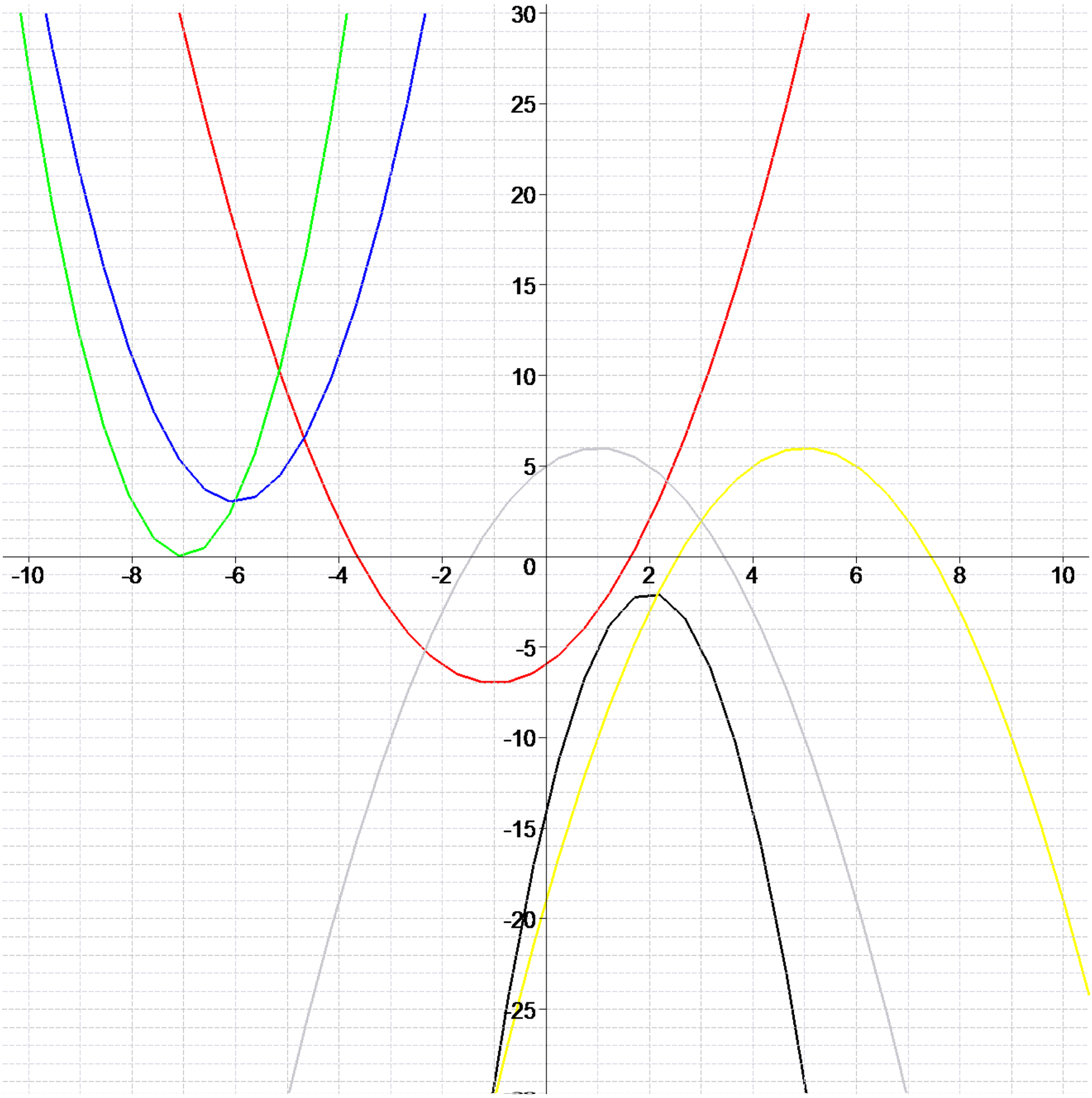
:

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

X Math@MUT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXM5/2-6300402-00025XX

Function03 for No.12623

$$No1 = \begin{bmatrix} .1 = [y = 2x^2 + 24x + 75] & .3 = [y = 3x^2 + 42x + 147] & .5 = [y = x^2 + 2x - 6] \\ .2 = [y = -(x-5)^2 + 6] & .4 = [y = -(x-1)^2 + 6] & .6 = [y = -3(x-2)^2 - 2] \end{bmatrix}$$



$$No2 = (f(x) = x^2 - 8x + 15), \quad , No3 = (f(x) = -x^2 - 10x - 21)$$

$$No4 = (f(x) = x^2 - 16), \quad , No5 = (f(x) = x^2 + 14x + 49)$$

$$No6 = (p = 200 - 0.6x)$$

```
No7 : N  = 70     ,
    : P1 = 4000   , P2 = 4500   , P3 = 5000   ,
    : B  = 500    , M  = 700000
No8 : P  = 2      , L  = 11     , A  = 169    , D  = 26
```

X [Page = 0025] XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

:

:

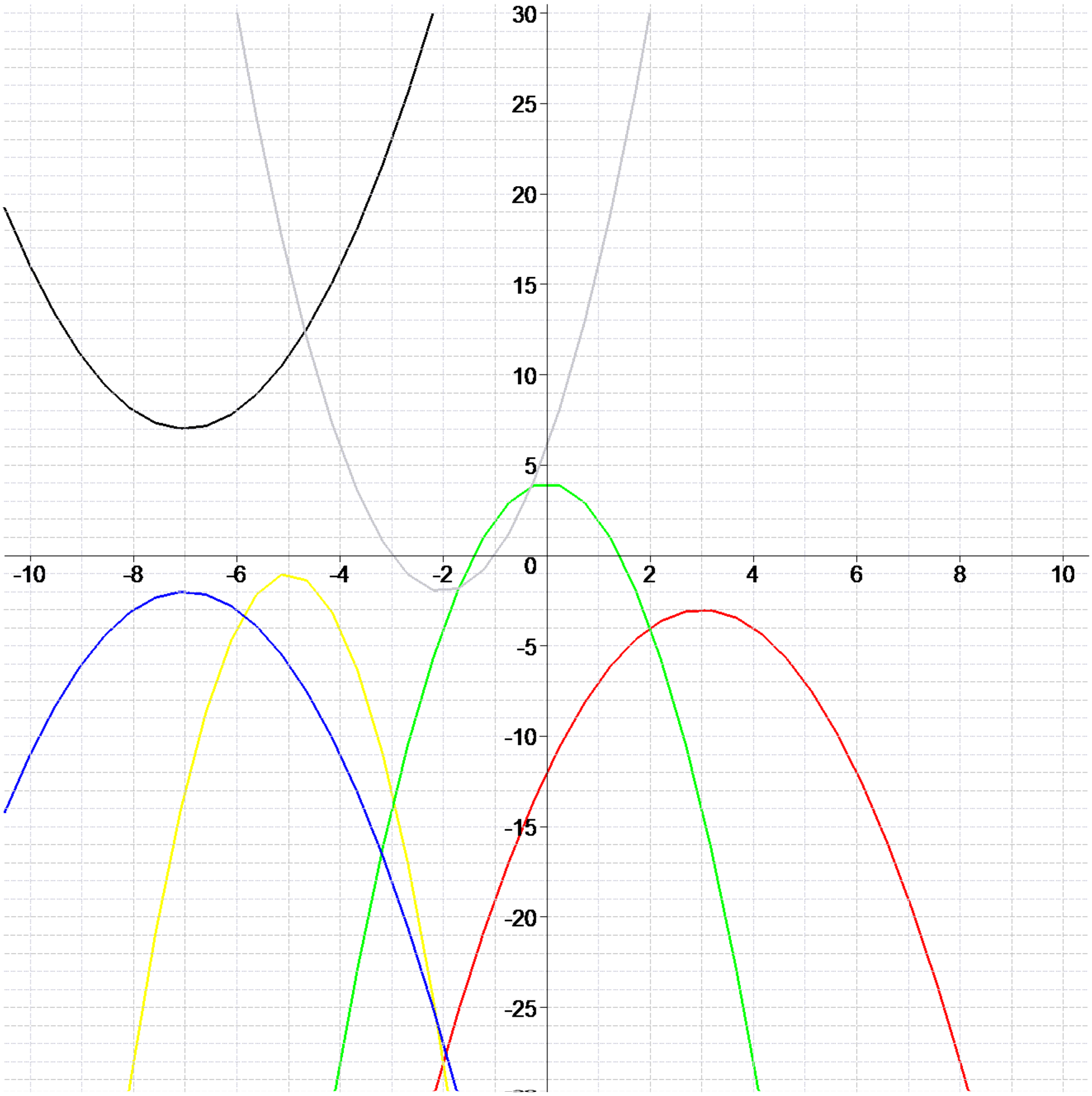
:

:

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Function03 for No.12915

$$No1 = \begin{bmatrix} .1 = [y = -x^2 - 14x - 51] & .3 = [y = -2x^2 + 4] & .5 = [y = -x^2 + 6x - 12] \\ .2 = [y = 2(x+2)^2 - 2] & .4 = [y = -3(x+5)^2 - 1] & .6 = [y = (x+7)^2 + 7] \end{bmatrix}$$



$$No2 = (\mathrm{f}(x) = x^2 - 25), \quad , No3 = (\mathrm{f}(x) = x^2 + 16x + 64)$$

$$No4 = (\mathrm{f}(x) = -x^2 + 2x + 24), \quad , No5 = (\mathrm{f}(x) = x^2 + 6x - 16)$$

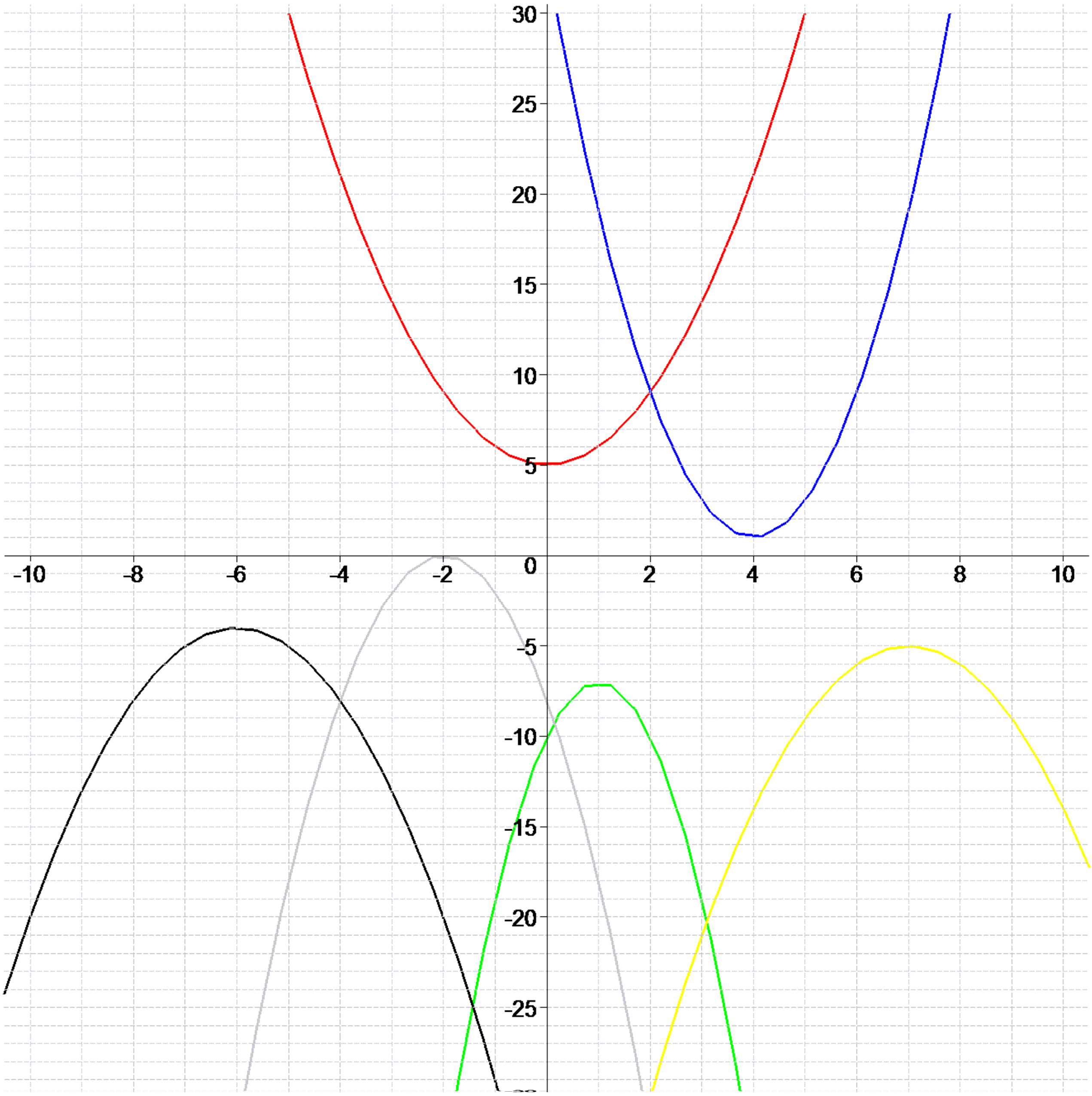
$$No6 = (p = 300 - 0.1x)$$

```
No7 : N  = 100    ,
    : P1 = 4000   , P2 = 4500   , P3 = 5000   ,
    : B  = 500    , M  = 1008000
No8 : P  = 2      , L  = 4      , A  = 144    , D  = 8
```


:
:
:

:
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
X Math@MUT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXM5/2-6300402-00027XX
Function03 for No.13089

$$No1 = \begin{bmatrix} .1 = [y = 2x^2 - 16x + 33] & .3 = [y = -x^2 - 12x - 40] & .5 = [y = -2(x+2)^2] \\ .2 = [y = x^2 + 5] & .4 = [y = -(x-7)^2 - 5] & .6 = [y = -3x^2 + 6x - 10] \end{bmatrix}$$



$$No2 = (f(x) = -x^2 - 8x - 16), \quad , No3 = (f(x) = -x^2 - 2x + 35)$$

$$No4 = (f(x) = x^2 - 16), \quad , No5 = (f(x) = -x^2 + 10x - 9)$$

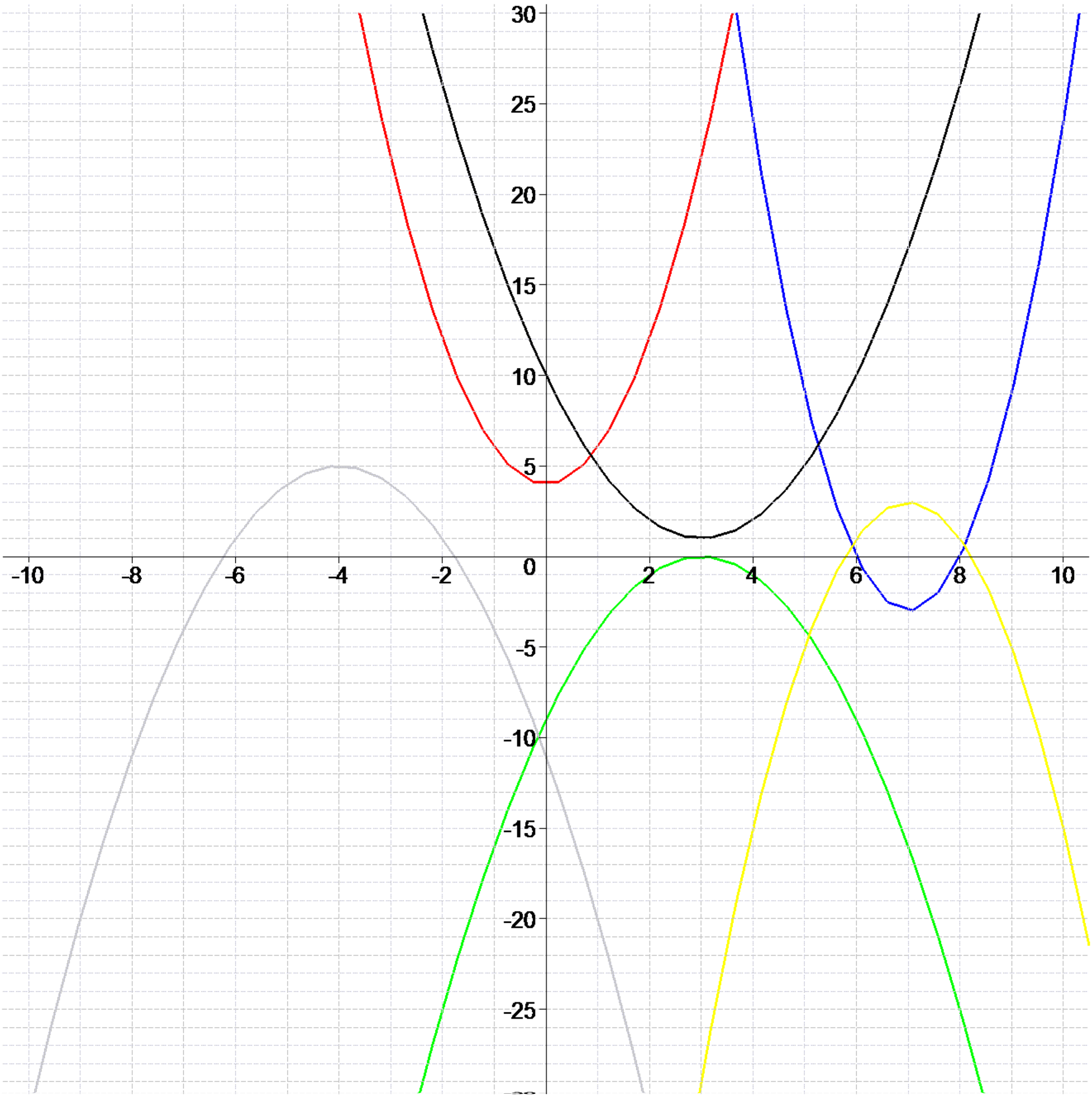
$$No6 = (p = 200 - 0.6x)$$

```
No7 : N  = 110   ,
    : P1 = 4000  , P2 = 4500  , P3 = 5000  ,
    : B  = 500   , M  = 1128000
No8 : P  = 5     , L  = 12    , A  = 9     , D  = 50
```

X [Page = 0027] XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
:
:
:

:
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
X Math@MUT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXM5/2-6300402-00028XX
Function03 for No.13101

$$No1 = \begin{bmatrix} .1 = [y = -x^2 - 8x - 11] & .3 = [y = -(x-3)^2] & .5 = [y = 2x^2 + 4] \\ .2 = [y = -2(x-7)^2 + 3] & .4 = [y = x^2 - 6x + 10] & .6 = [y = 3x^2 - 42x + 144] \end{bmatrix}$$



$$No2 = (f(x) = x^2 - 14x + 48), \quad , No3 = (f(x) = -x^2 - 6x + 27)$$

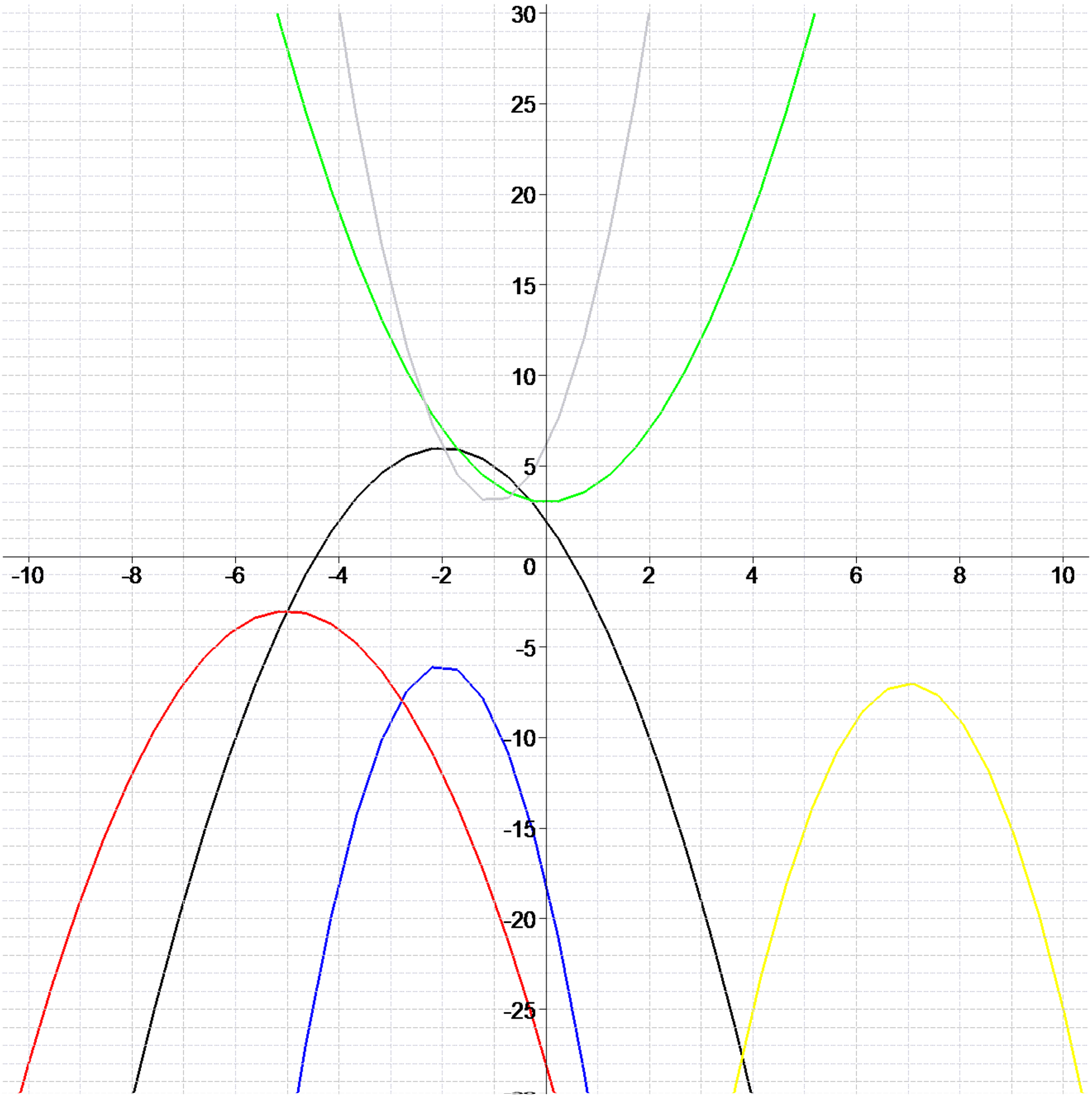
$$No4 = (f(x) = -x^2 - 6x - 5), \quad , No5 = (f(x) = -x^2 - 12x - 36)$$

$$No6 = (p = 400 - 0.7x)$$

No7 : N = 90 ,
: P1 = 4000 , P2 = 4200 , P3 = 4400 ,
: B = 200 , M = 571200
No8 : P = 7 , L = 17 , A = 81 , D = 84
X [Page = 0028] XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
:
:
:

:
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
X Math@MUT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXM5/2-6300402-00029XX
Function03 for No.13155

$$No1 = \begin{bmatrix} .1 = [y = -(x+5)^2 - 3] & .3 = [y = -3x^2 - 12x - 18] & .5 = [y = x^2 + 3] \\ .2 = [y = -2x^2 + 28x - 105] & .4 = [y = 3(x+1)^2 + 3] & .6 = [y = -x^2 - 4x + 2] \end{bmatrix}$$



$$No2 = (f(x) = -x^2 + 6x - 8), \quad , No3 = (f(x) = -x^2 + 18x - 81)$$

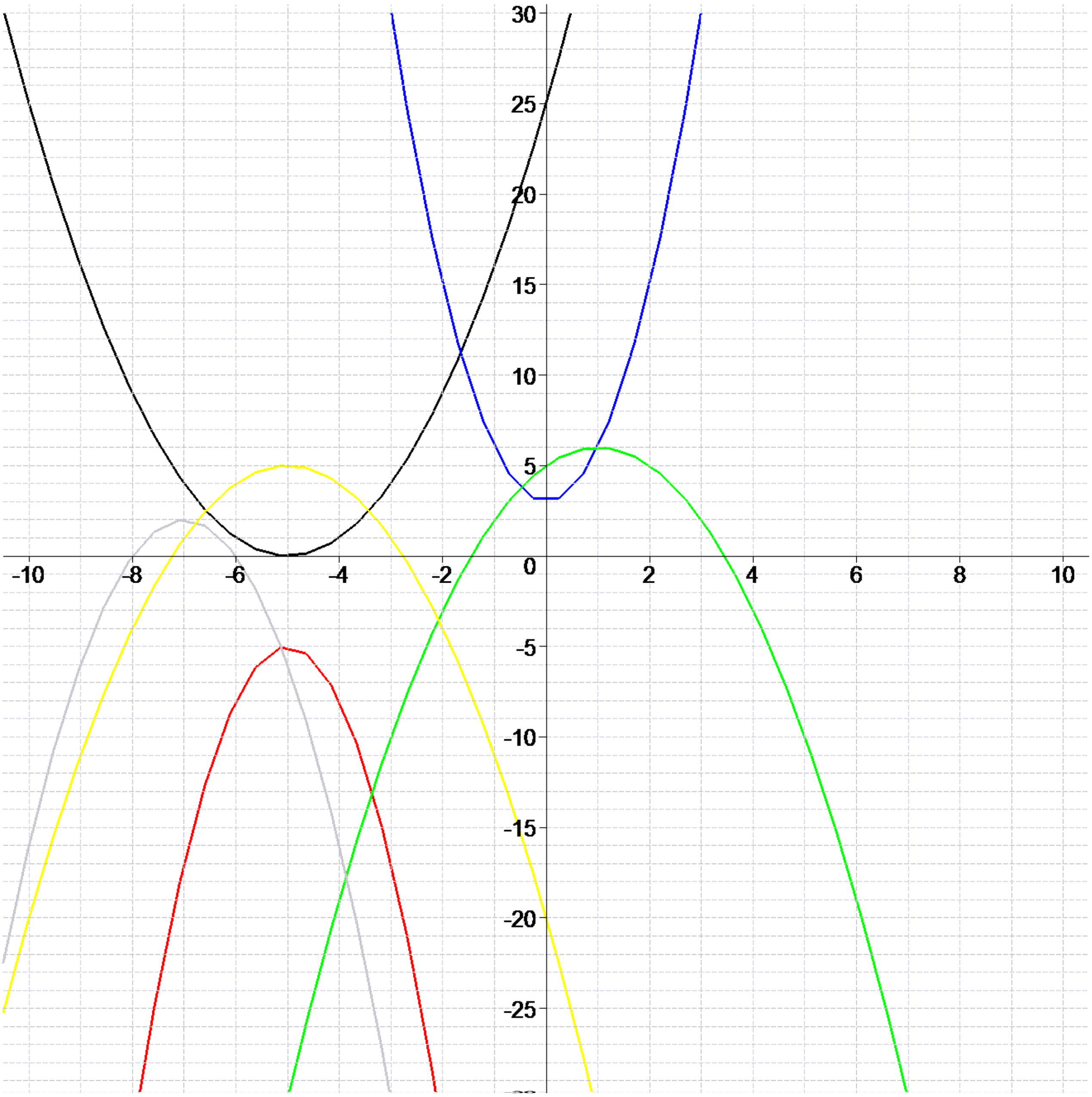
$$No4 = (f(x) = -x^2 - 6x + 27), \quad , No5 = (f(x) = x^2 - 64)$$

$$No6 = (p = 500 - 0.6x)$$

No7 : N = 100 ,
: P1 = 5000 , P2 = 5500 , P3 = 6000 ,
: B = 500 , M = 1092000
No8 : P = 5 , L = 15 , A = 36 , D = 25
X [Page = 0029] XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
:
:
:

:
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
X Math@MUT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXM5/2-6300402-00030XX
Function03 for No.13156

$$No1 = \begin{bmatrix} .1 = [y = -(x+5)^2 + 5] & .3 = [y = -(x-1)^2 + 6] & .5 = [y = -3\,(x+5)^2 - 5] \\ .2 = [y = -2\,x^2 - 28\,x - 96] & .4 = [y = 3\,x^2 + 3] & .6 = [y = x^2 + 10\,x + 25] \end{bmatrix}$$



$$No2 = (\,f(x) = x^2 - 25\,), \quad , No3 = (\,f(x) = x^2 + 2\,x - 3\,)$$

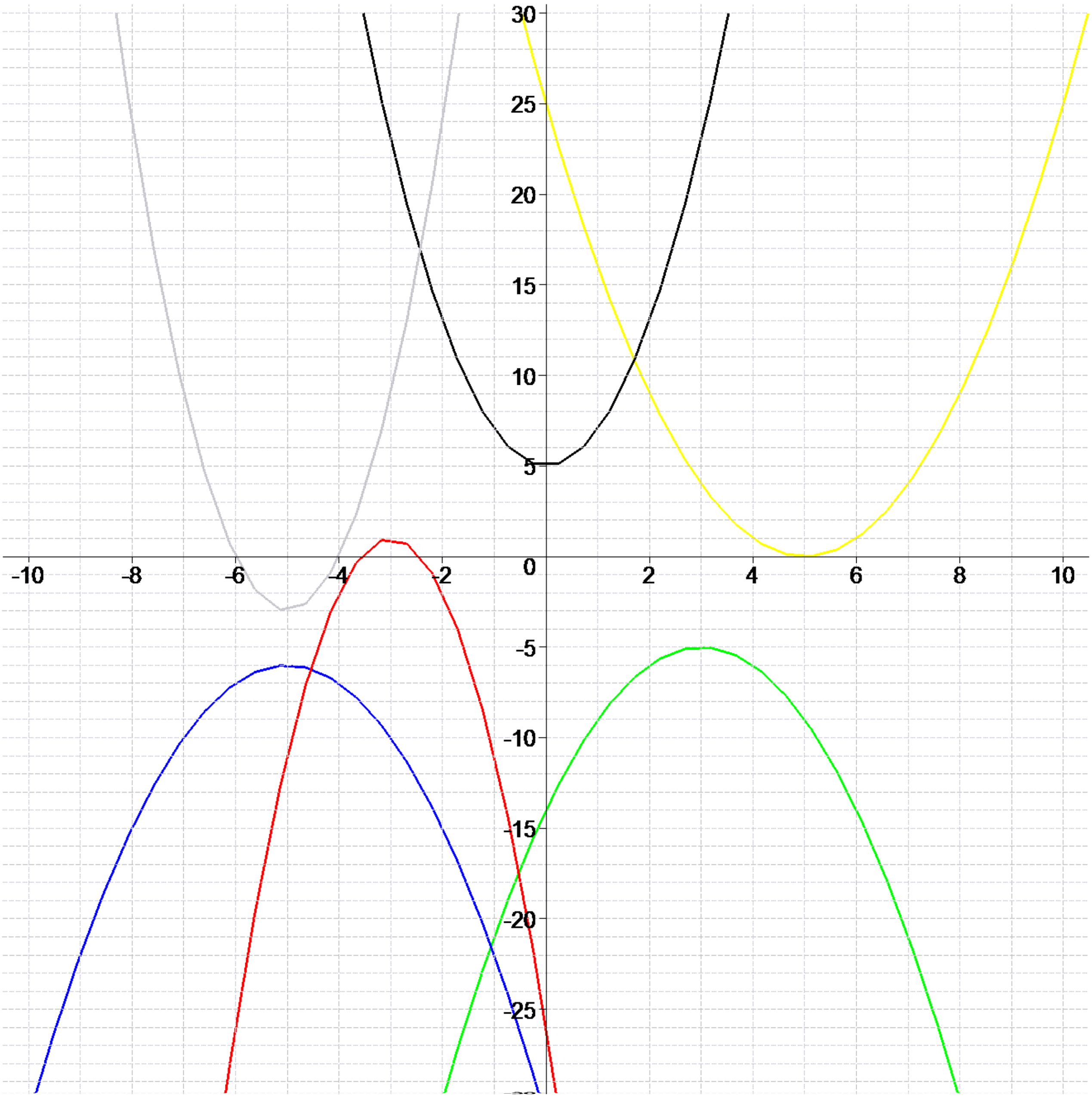
$$No4 = (\,f(x) = -x^2 + 2\,x\,), \quad , No5 = (\,f(x) = -x^2 - 2\,x - 1\,)$$

$$No6 = (p = 700 - 0.4\,x)$$

No7 : N = 90 ,
: P1 = 3000 , P2 = 3300 , P3 = 3600 ,
: B = 300 , M = 617700
No8 : P = 2 , L = 3 , A = 36 , D = 6
X [Page = 0030] XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
:
:
:

Function03 for No.13158

$$No1 = \begin{bmatrix} .1 = [y = 3\,(x+5)^2 - 3] & .3 = [y = -(x+5)^2 - 6] & .5 = [y = -x^2 + 6\,x - 14] \\ .2 = [y = -3\,x^2 - 18\,x - 26] & .4 = [y = 2\,x^2 + 5] & .6 = [y = (x-5)^2] \end{bmatrix}$$



$$No2 = (\,f(x) = -x^2 - 10\,x - 21\,), \quad , No3 = (\,f(x) = -x^2 - 16\,x - 64\,)$$

$$No4 = (\,f(x) = -x^2 - 10\,x - 24\,), \quad , No5 = (\,f(x) = x^2 + 2\,x - 15\,)$$

$$No6 = (p = 500 - 0.2\,x)$$

```
No7 : N  = 100   ,
    : P1 = 4000  , P2 = 4500  , P3 = 5000  ,
    : B  = 500   , M  = 1008000
No8 : P  = 3     , L  = 5     , A  = 49    , D  = 12
```

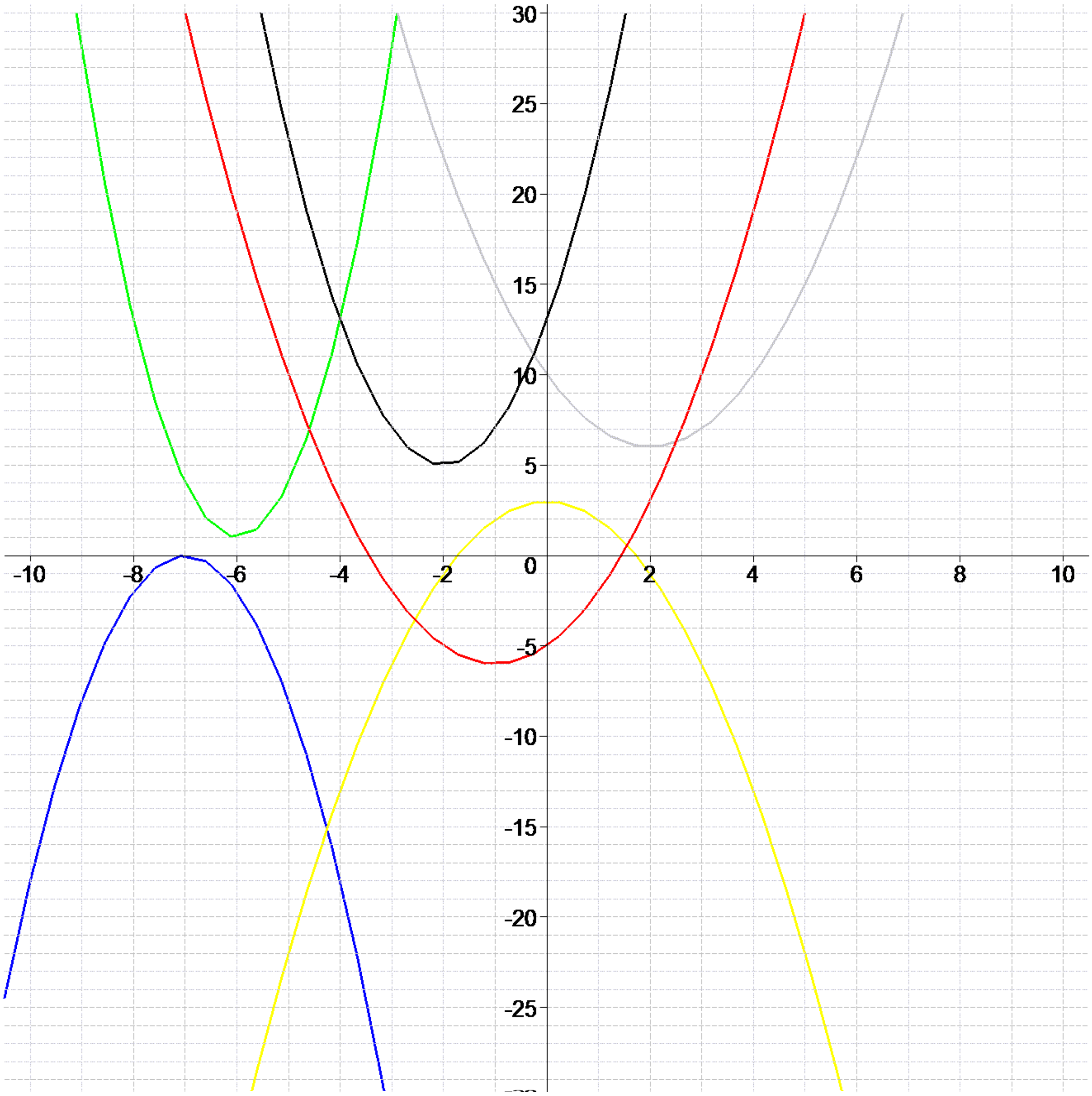
:

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

X Math@MUT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXM5/2-6300402-00032XX

Function03 for No.13203

$$No1 = \begin{bmatrix} .1 = [y = (x+1)^2 - 6] & .3 = [y = -2\,(x+7)^2] & .5 = [y = x^2 - 4\,x + 10] \\ .2 = [y = -x^2 + 3] & .4 = [y = 2\,x^2 + 8\,x + 13] & .6 = [y = 3\,x^2 + 36\,x + 109] \end{bmatrix}$$



$$No2 = (\,f(x) = -x^2 - 2\,x + 63\,), \quad , No3 = (\,f(x) = x^2 - 4\,x - 32\,)$$

$$No4 = (\,f(x) = -x^2 + 16\,x - 64\,), \quad , No5 = (\,f(x) = -x^2 - 2\,x + 3\,)$$

$$No6 = (p = 600 - 0.4\,x)$$

```
   No7 : N  = 100   ,
       : P1 = 6000  , P2 = 6500  , P3 = 7000  ,
       : B  = 500   , M  = 1230000
   No8 : P  = 9     , L  = 19    , A  = 36    , D  = 117
```


:

:

:

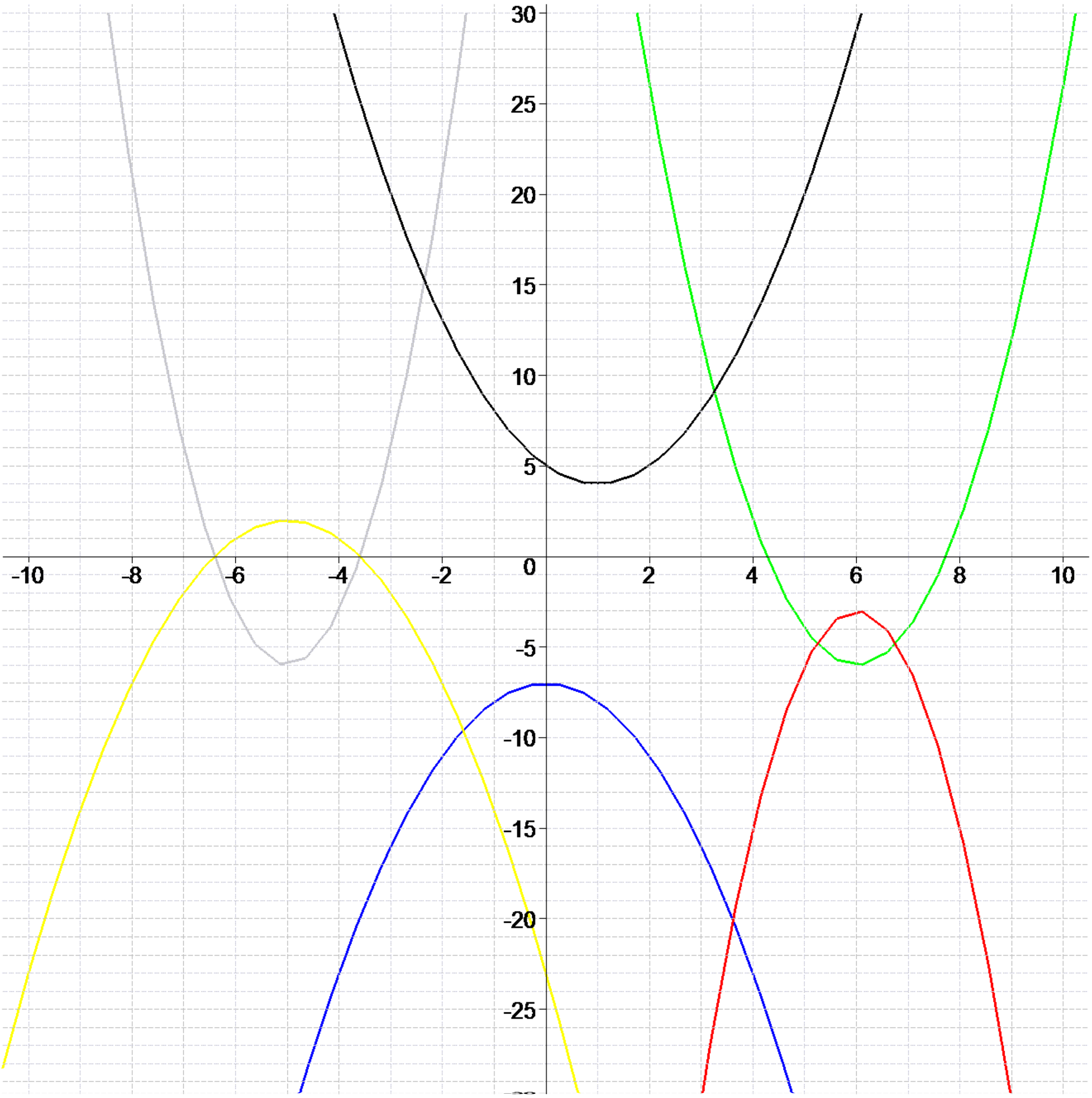
:

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

X Math@MUT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXM5/2-6300402-00033XX

Function03 for No.13469

$$No1 = \begin{bmatrix} .1 = [y = x^2 - 2x + 5] & .3 = [y = -x^2 - 10x - 23] & .5 = [y = 2(x-6)^2 - 6] \\ .2 = [y = -3(x-6)^2 - 3] & .4 = [y = -x^2 - 7] & .6 = [y = 3(x+5)^2 - 6] \end{bmatrix}$$



$$No2 = (f(x) = -x^2 - 4x + 5), \quad , No3 = (f(x) = x^2 + 14x + 49)$$

$$No4 = (f(x) = -x^2 - 4x + 32), \quad , No5 = (f(x) = x^2 - 10x + 21)$$

$$No6 = (p = 500 - 0.3x)$$

```
No7 : N  = 90     ,
    : P1 = 6000   , P2 = 6200   , P3 = 6400   ,
    : B  = 200    , M  = 655200
No8 : P  = 4      , L  = 14     , A  = 64     , D  = 36
```

X [Page = 0033] XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

:
:
:

```
:
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
>
```