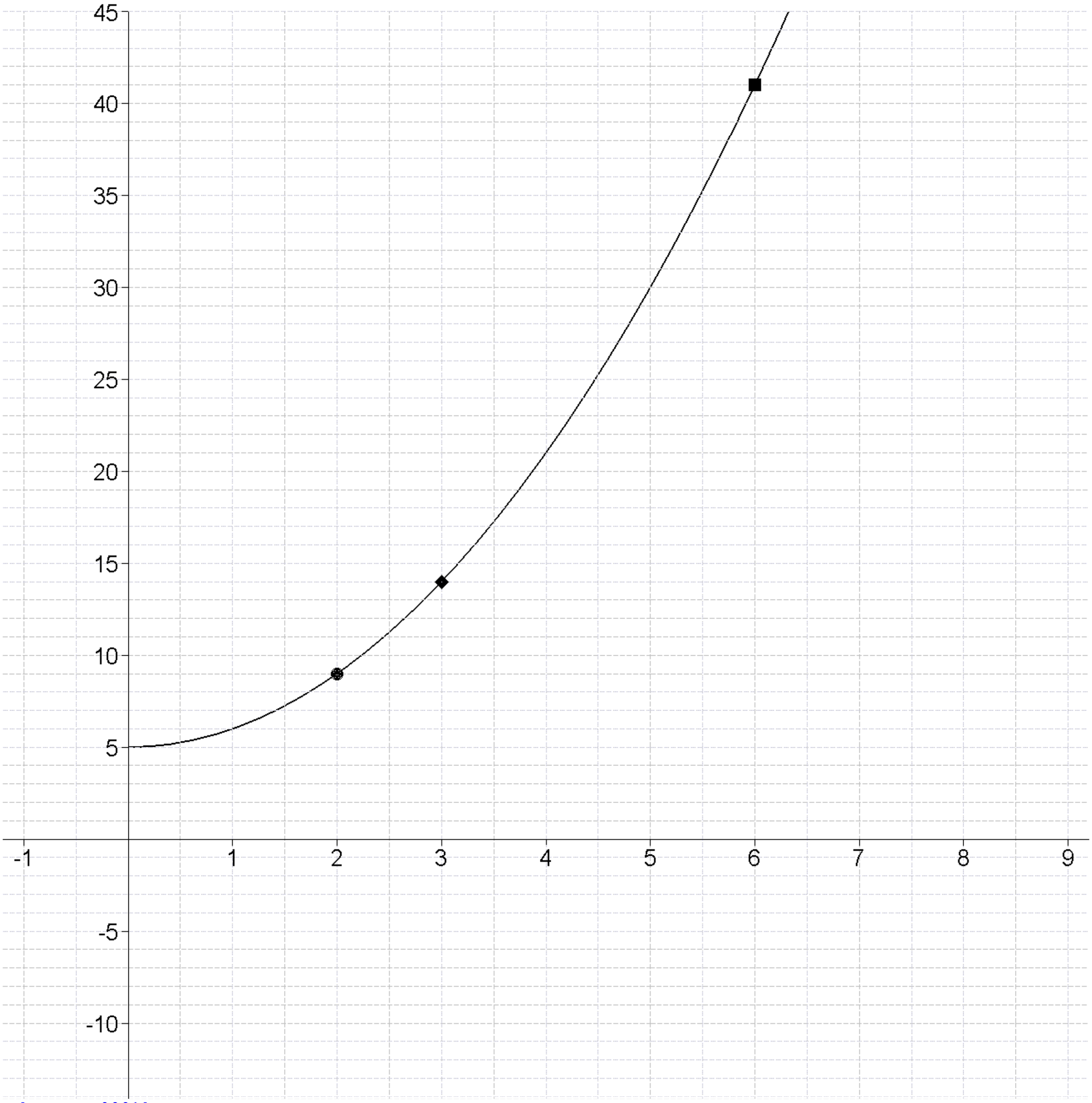
Diff01 for No.8765

$$No01 = \left(f(x) = \begin{bmatrix} k\,x - 3 & ; & x < 4 \\ 2\,x^2 - 3 & ; & x >= 4 \end{bmatrix} \right), \quad No02 = \left(f(x) = \begin{bmatrix} 3\,x^2 + k & ; & x < -2 \\ k\,x + 24 & ; & x >= -2 \end{bmatrix} \right)$$

$$No03 = \left(f(x) = \begin{bmatrix} 3\,x^2 + a\,x - 3 & ; & x <= -3 \\ x^2 & ; & -3 < x < 2 \\ 3\,x + b & ; & x >= 2 \end{bmatrix} \right), \quad No04 = \left(f(x) = \begin{bmatrix} a\,x + 11 & ; & x < -3 \\ b\,x + a & ; & -3 <= x <= 2 \\ 4\,x + b & ; & x > 2 \end{bmatrix} \right)$$

$$No05 = [\, f(x) = x^2 + 5 \,]$$

$$No06 = \begin{bmatrix} f(x) = 8\,x^2 + 5 \\ a = 4 \\ b = 4.2 \\ c = 4.1 \\ d = 4.01 \end{bmatrix}, \quad No07 = \begin{bmatrix} a = 4 \\ b = 5 \end{bmatrix}, \quad No08 = \begin{bmatrix} a = 2 \\ b = 7 \end{bmatrix}, \quad No08 = \begin{bmatrix} a = 3 \\ b = 8 \end{bmatrix}$$



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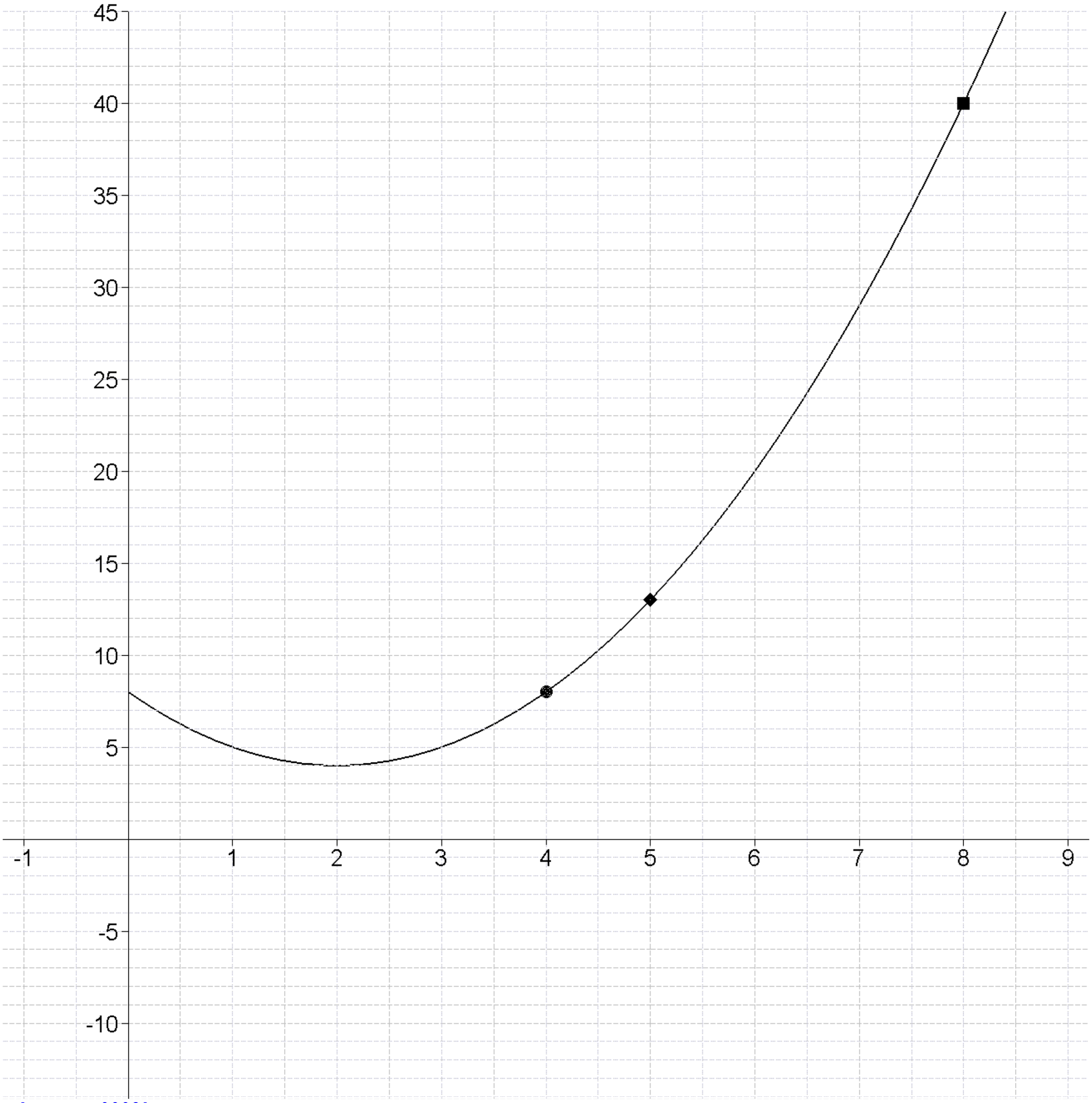
Diff01 for No.8767

$$No01 = \left(f(x) = \begin{bmatrix} 3x^2 + k & ; & x < 2 \\ 8x - 11 & ; & x >= 2 \end{bmatrix} \right), \quad No02 = \left(f(x) = \begin{bmatrix} 4x^2 + k & ; & x <= -3 \\ kx + 60 & ; & x > -3 \end{bmatrix} \right)$$

$$No03 = \left(f(x) = \begin{bmatrix} ax^2 + 5 & ; & x < -4 \\ 2x + b & ; & -4 <= x < 2 \\ x^2 - 4x + 69 & ; & x >= 2 \end{bmatrix} \right), \quad No04 = \left(f(x) = \begin{bmatrix} bx + 13 & ; & x <= -3 \\ ax + b & ; & -3 < x <= 2 \\ 6x + a & ; & x > 2 \end{bmatrix} \right)$$

$$No05 = [\, f(x) = (x-2)^2 + 4 \,]$$

$$No06 = \begin{bmatrix} f(x) = 8x^2 + 7 \\ a = 2 \\ b = 2.2 \\ c = 2.1 \\ d = 2.01 \end{bmatrix}, \quad No07 = \begin{bmatrix} a = 6 \\ b = 8 \end{bmatrix}, \quad No08 = \begin{bmatrix} a = 6 \\ b = 7 \end{bmatrix}, \quad No08 = \begin{bmatrix} a = 7 \\ b = 2 \end{bmatrix}$$



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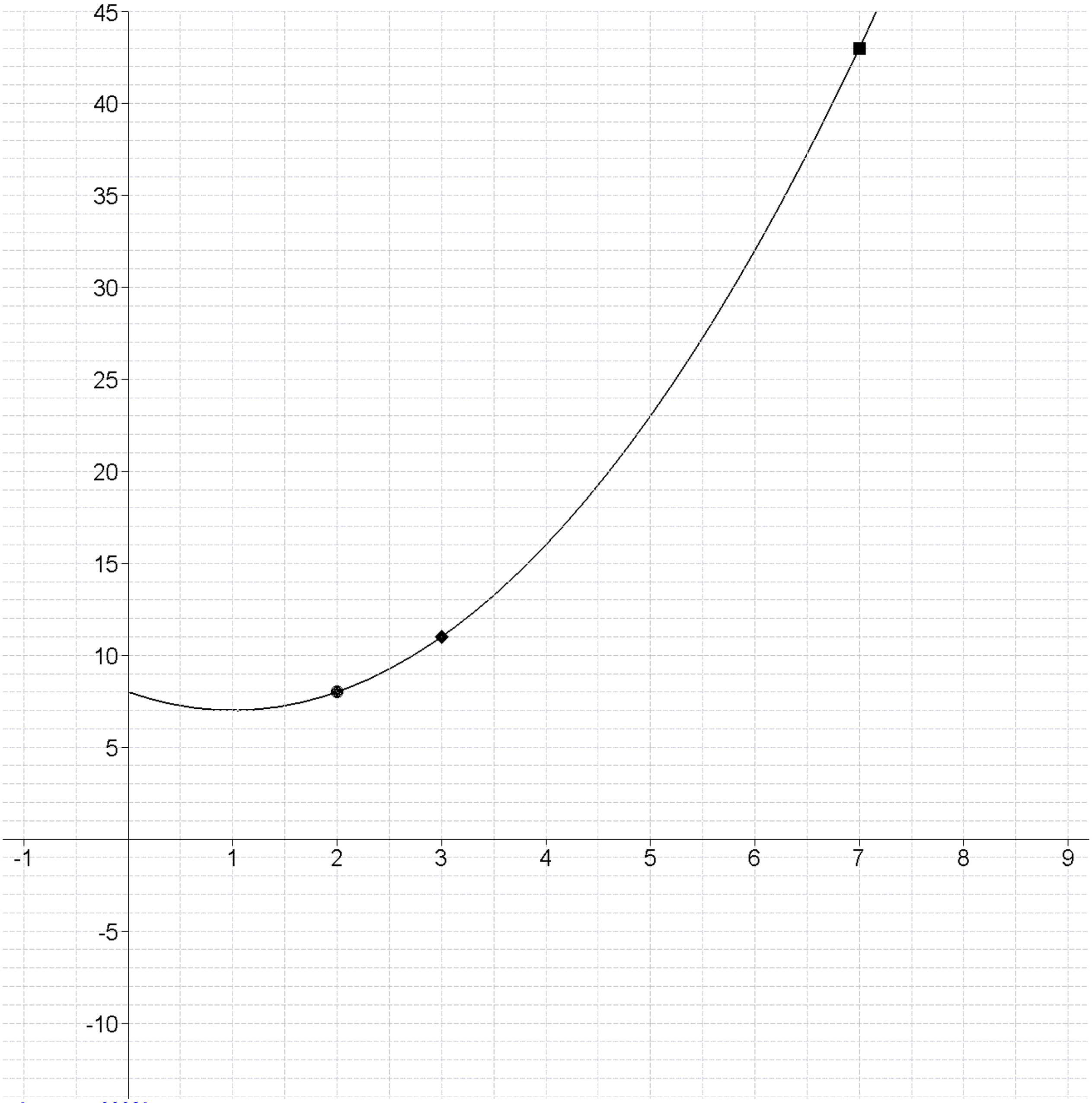
Diff01 for No.8768

$$No01 = \left(f(x) = \begin{bmatrix} 2x^2 + k & ; & x <= 2 \\ 8x - 1 & ; & x > 2 \end{bmatrix} \right), \quad No02 = \left(f(x) = \begin{bmatrix} k x^2 - 37 & ; & x < -3 \\ 7x + k & ; & x >= -3 \end{bmatrix} \right)$$

$$No03 = \left(f(x) = \begin{bmatrix} x^2 + a & ; & x <= -3 \\ 20 + 2x & ; & -3 < x < 4 \\ 2x^2 + bx + 8 & ; & x >= 4 \end{bmatrix} \right), \quad No04 = \left(f(x) = \begin{bmatrix} ax + 10 & ; & x <= -3 \\ bx + a & ; & -3 < x < 2 \\ 3x + b & ; & x >= 2 \end{bmatrix} \right)$$

$$No05 = [\, f(x) = (x-1)^2 + 7 \,]$$

$$No06 = \begin{bmatrix} f(x) = 5x^2 + 6 \\ a = 3 \\ b = 3.2 \\ c = 3.1 \\ d = 3.01 \end{bmatrix}, \quad No07 = \begin{bmatrix} a = 4 \\ b = 8 \end{bmatrix}, \quad No08 = \begin{bmatrix} a = 7 \\ b = 6 \end{bmatrix}, \quad No08 = \begin{bmatrix} a = 5 \\ b = 7 \end{bmatrix}$$



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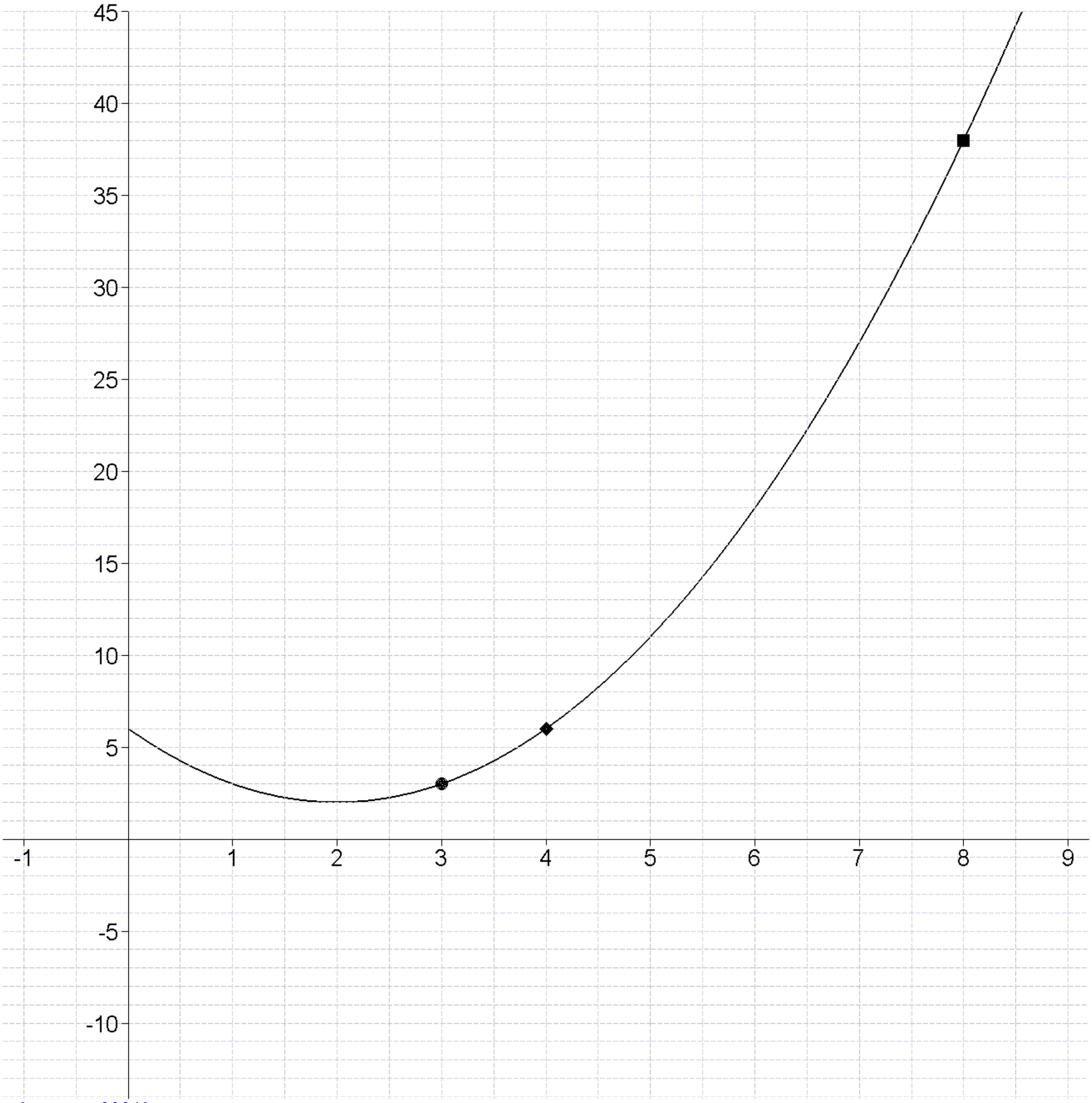
Diff01 for No.8779

$$No01 = \left(f(x) = \begin{bmatrix} 6x + 10 & ; & x < 2 \\ k x^2 + 6 & ; & x >= 2 \end{bmatrix} \right), \quad No02 = \left(f(x) = \begin{bmatrix} k x^2 - 33 & ; & x < -3 \\ 3x + k & ; & x >= -3 \end{bmatrix} \right)$$

$$No03 = \left(f(x) = \begin{bmatrix} a x^2 + 2 & ; & x < -4 \\ 3x^2 - 3x - 26 & ; & -4 <= x < 3 \\ 2x + b & ; & x >= 3 \end{bmatrix} \right), \quad No04 = \left(f(x) = \begin{bmatrix} b x + 12 & ; & x <= -2 \\ a x + b & ; & -2 < x < 3 \\ 4x + a & ; & x >= 3 \end{bmatrix} \right)$$

$$No05 = [\, f(x) = (x-2)^2 + 2 \,]$$

$$No06 = \begin{bmatrix} f(x) = 7x^2 - 3 \\ a = 2 \\ b = 2.2 \\ c = 2.1 \\ d = 2.01 \end{bmatrix}, \quad No07 = \begin{bmatrix} a = 7 \\ b = 2 \end{bmatrix}, \quad No08 = \begin{bmatrix} a = 2 \\ b = 3 \end{bmatrix}, \quad No08 = \begin{bmatrix} a = 2 \\ b = 7 \end{bmatrix}$$



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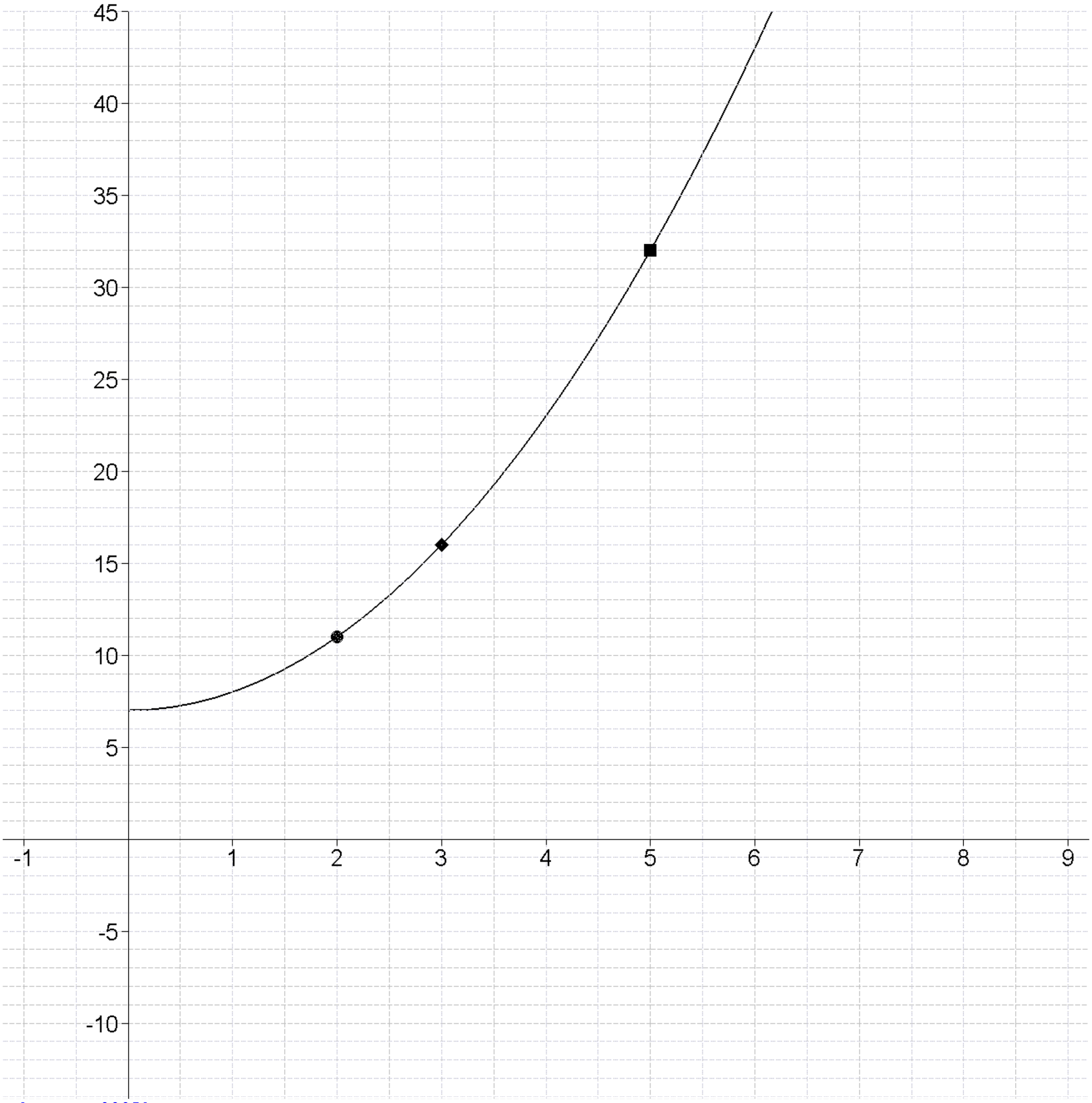
Diff01 for No.9404

$$No01 = \left(f(x) = \begin{bmatrix} k x^2 - 6 & ; & x < 2 \\ 2x + 6 & ; & x >= 2 \end{bmatrix} \right), \quad , No02 = \left(f(x) = \begin{bmatrix} k x^2 - 31 & ; & x <= -3 \\ 5x + k & ; & x > -3 \end{bmatrix} \right)$$

$$No03 = \left(f(x) = \begin{bmatrix} a x^2 - 6x + 1 & ; & x < -4 \\ 3x^2 + 9 & ; & -4 <= x < 2 \\ 2x + b & ; & x >= 2 \end{bmatrix} \right), \quad , No04 = \left(f(x) = \begin{bmatrix} a x + 19 & ; & x <= -4 \\ b x + a & ; & -4 < x <= 3 \\ 5x + b & ; & x > 3 \end{bmatrix} \right)$$

$$No05 = [\, f(x) = x^2 + 7 \,]$$

$$No06 = \begin{bmatrix} f(x) = 4x^2 - 7 \\ a = 3 \\ b = 3.2 \\ c = 3.1 \\ d = 3.01 \end{bmatrix}, \quad , No07 = \begin{bmatrix} a = 7 \\ b = 8 \end{bmatrix}, \quad , No08 = \begin{bmatrix} a = 3 \\ b = 8 \end{bmatrix}, \quad , No08 = \begin{bmatrix} a = 8 \\ b = 6 \end{bmatrix}$$



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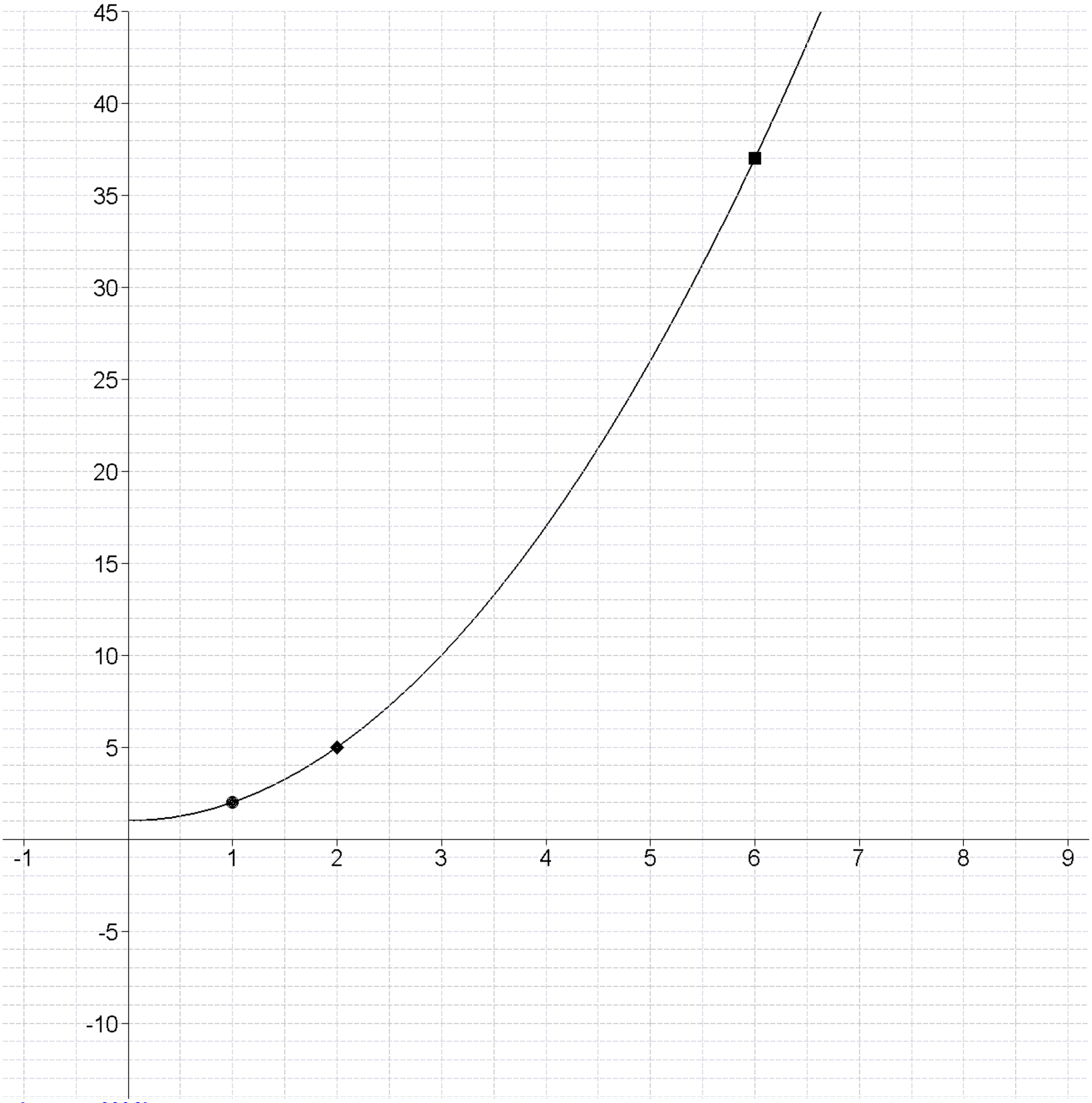
Diff01 for No.9440

$$No01 = \left(f(x) = \begin{bmatrix} 3x^2 - 4 & ; & x < 3 \\ 7x + k & ; & x >= 3 \end{bmatrix} \right), \quad No02 = \left(f(x) = \begin{bmatrix} kx + 74 & ; & x <= -4 \\ 4x^2 + k & ; & x > -4 \end{bmatrix} \right)$$

$$No03 = \left(f(x) = \begin{bmatrix} 3x^2 + ax - 1 & ; & x < -4 \\ 43 + 5x & ; & -4 <= x <= 3 \\ bx^2 + 49 & ; & x > 3 \end{bmatrix} \right), \quad No04 = \left(f(x) = \begin{bmatrix} bx + 9 & ; & x <= -2 \\ ax + b & ; & -2 < x < 2 \\ 4x + a & ; & x >= 2 \end{bmatrix} \right)$$

$$No05 = [\, f(x) = x^2 + 1 \,]$$

$$No06 = \begin{bmatrix} f(x) = 3x^2 + 2 \\ a = 4 \\ b = 4.2 \\ c = 4.1 \\ d = 4.01 \end{bmatrix}, \quad No07 = \begin{bmatrix} a = 4 \\ b = 6 \end{bmatrix}, \quad No08 = \begin{bmatrix} a = 8 \\ b = 3 \end{bmatrix}, \quad No08 = \begin{bmatrix} a = 7 \\ b = 8 \end{bmatrix}$$



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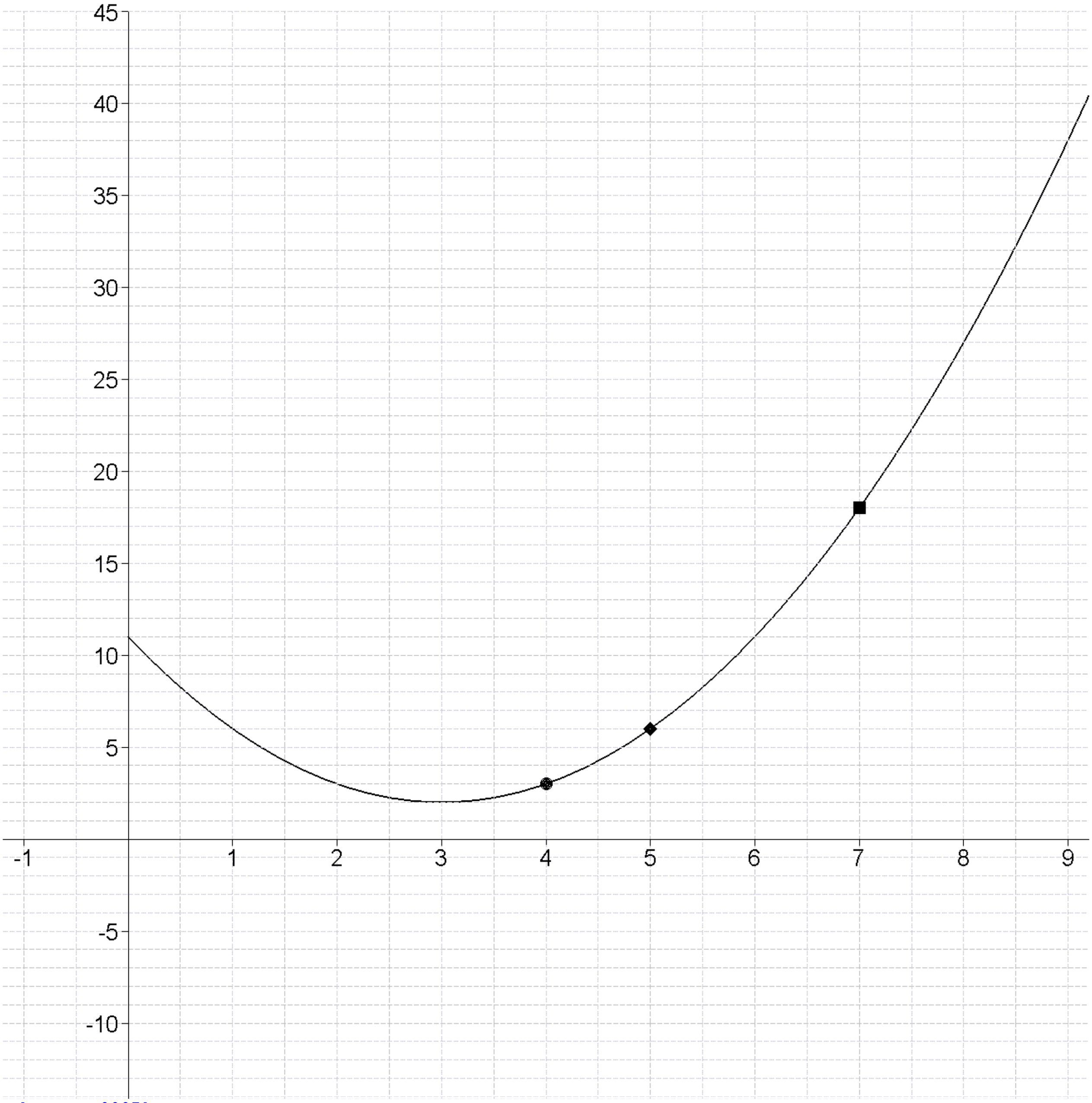
Diff01 for No.9474

$$No01 = \left(f(x) = \begin{bmatrix} k\,x + 9 & ; & x <= 2 \\ 4\,x^2 + 7 & ; & x > 2 \end{bmatrix} \right), \quad , No02 = \left(f(x) = \begin{bmatrix} k\,x^2 - 92 & ; & x <= -4 \\ 8\,x + k & ; & x > -4 \end{bmatrix} \right)$$

$$No03 = \left(f(x) = \begin{bmatrix} a\,x^2 - x - 3 & ; & x <= -2 \\ x^2 + 3 & ; & -2 < x < 4 \\ 15 + b\,x & ; & x >= 4 \end{bmatrix} \right), \quad , No04 = \left(f(x) = \begin{bmatrix} b\,x + 12 & ; & x <= -4 \\ a\,x + b & ; & -4 < x <= 2 \\ 3\,x + a & ; & x > 2 \end{bmatrix} \right)$$

$$No05 = [\, f(x) = (x-3)^2 + 2 \,]$$

$$No06 = \begin{bmatrix} f(x) = 5\,x^2 - 7 \\ a = 2 \\ b = 2.2 \\ c = 2.1 \\ d = 2.01 \end{bmatrix}, \quad , No07 = \begin{bmatrix} a = 5 \\ b = 8 \end{bmatrix}, \quad , No08 = \begin{bmatrix} a = 3 \\ b = 5 \end{bmatrix}, \quad , No08 = \begin{bmatrix} a = 8 \\ b = 7 \end{bmatrix}$$



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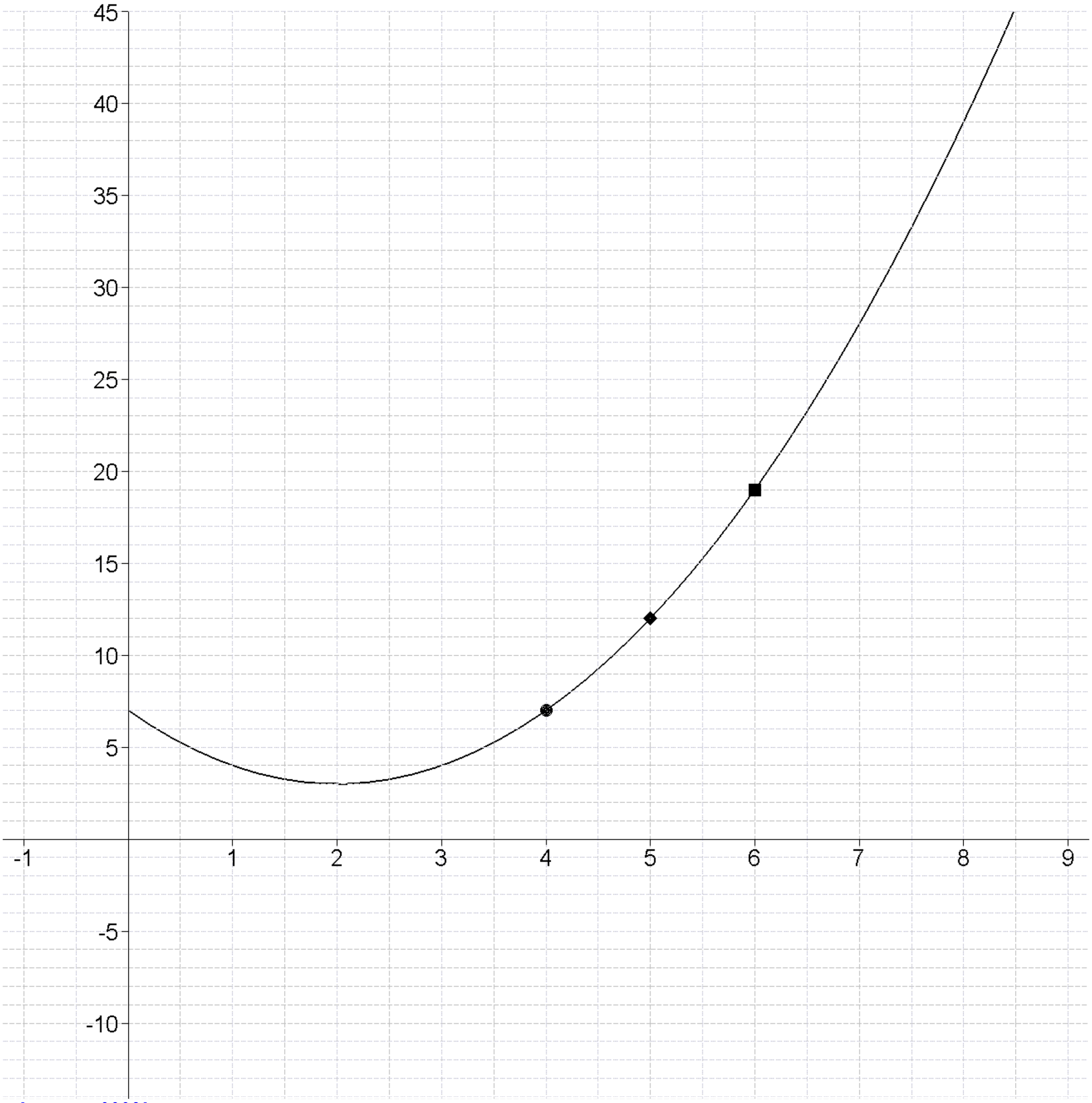
Diff01 for No.9607

$$No01 = \left(f(x) = \begin{bmatrix} k\,x + 50 & ; & x <= 4 \\ 4\,x^2 - 2 & ; & x > 4 \end{bmatrix} \right), \quad , No02 = \left(f(x) = \begin{bmatrix} k\,x + 26 & ; & x <= -2 \\ 2\,x^2 + k & ; & x > -2 \end{bmatrix} \right)$$

$$No03 = \left(f(x) = \begin{bmatrix} 2\,x^2 + 1 & ; & x <= -4 \\ 41 + a\,x & ; & -4 < x < 2 \\ b\,x^2 - 7\,x + 55 & ; & x >= 2 \end{bmatrix} \right), \quad , No04 = \left(f(x) = \begin{bmatrix} a\,x + 17 & ; & x < -3 \\ b\,x + a & ; & -3 <= x <= 3 \\ 6\,x + b & ; & x > 3 \end{bmatrix} \right)$$

$$No05 = [\, f(x) = (x - 2)^2 + 3 \,]$$

$$No06 = \begin{bmatrix} f(x) = 8\,x^2 + 5 \\ a = 4 \\ b = 4.2 \\ c = 4.1 \\ d = 4.01 \end{bmatrix}, \quad , No07 = \begin{bmatrix} a = 4 \\ b = 6 \end{bmatrix}, \quad , No08 = \begin{bmatrix} a = 6 \\ b = 5 \end{bmatrix}, \quad , No08 = \begin{bmatrix} a = 5 \\ b = 8 \end{bmatrix}$$



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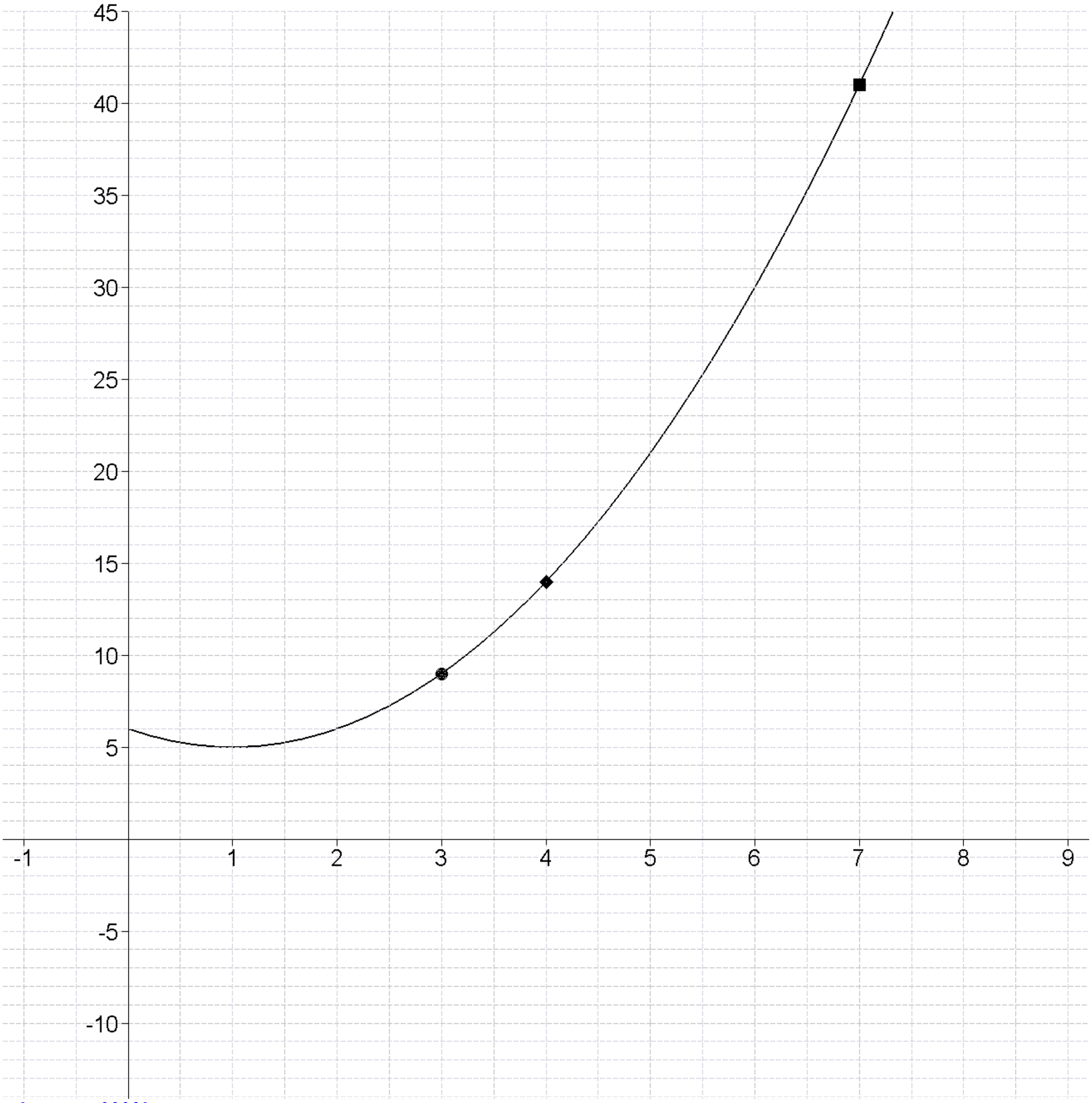
Diff01 for No.9965

$$No01 = \left(f(x) = \begin{bmatrix} 5x+k & ; & x<4 \\ 3x^2+1 & ; & x>=4 \end{bmatrix} \right), \quad No02 = \left(f(x) = \begin{bmatrix} 6x+k & ; & x<-4 \\ kx^2-69 & ; & x>=-4 \end{bmatrix} \right)$$

$$No03 = \left(f(x) = \begin{bmatrix} 2x^2-2x+3 & ; & x<-4 \\ bx^2+27 & ; & -4<=x<=2 \\ 4x+a & ; & x>2 \end{bmatrix} \right), \quad No04 = \left(f(x) = \begin{bmatrix} ax+24 & ; & x<=-4 \\ bx+a & ; & -4<x<4 \\ 5x+b & ; & x>=4 \end{bmatrix} \right)$$

$$No05 = [\, f(x) = (x-1)^2+5 \,]$$

$$No06 = \begin{bmatrix} f(x) = 3x^2-7 \\ a=2 \\ b=2.2 \\ c=2.1 \\ d=2.01 \end{bmatrix}, \quad No07 = \begin{bmatrix} a=4 \\ b=5 \end{bmatrix}, \quad No08 = \begin{bmatrix} a=2 \\ b=4 \end{bmatrix}, \quad No08 = \begin{bmatrix} a=6 \\ b=5 \end{bmatrix}$$



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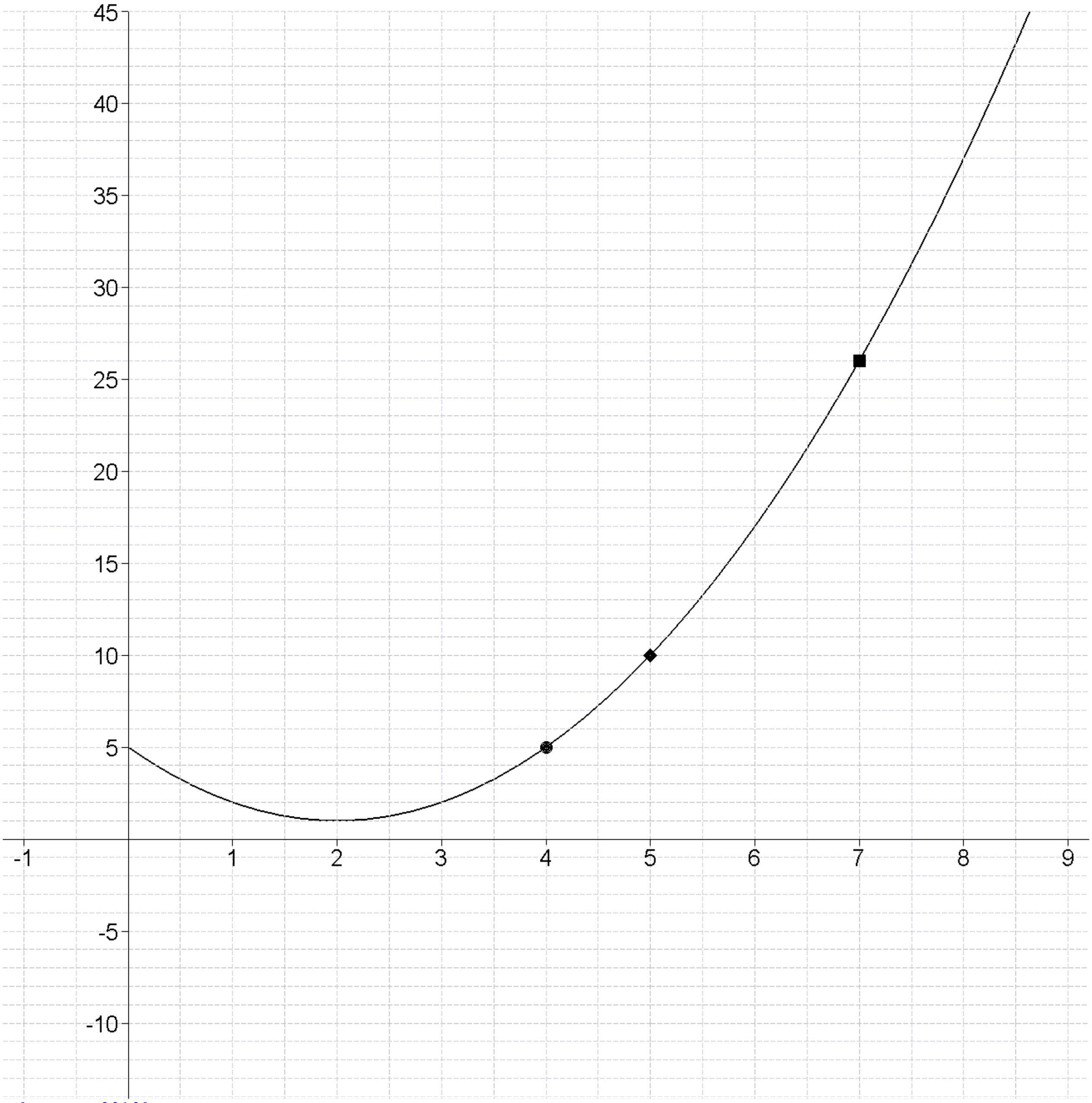
Diff01 for No.10186

$$No01 = \left(f(x) = \begin{bmatrix} 3x^2 - 5 & ; & x < 3 \\ 7x + k & ; & x >= 3 \end{bmatrix} \right), \quad No02 = \left(f(x) = \begin{bmatrix} 2x^2 + k & ; & x < -3 \\ kx + 26 & ; & x >= -3 \end{bmatrix} \right)$$

$$No03 = \left(f(x) = \begin{bmatrix} x^2 + bx + 4 & ; & x < -4 \\ 60 + 5x & ; & -4 <= x <= 3 \\ 2x^2 + a & ; & x > 3 \end{bmatrix} \right), \quad No04 = \left(f(x) = \begin{bmatrix} ax + 8 & ; & x < -2 \\ bx + a & ; & -2 <= x < 2 \\ 3x + b & ; & x >= 2 \end{bmatrix} \right)$$

$$No05 = [\, f(x) = (x-2)^2 + 1 \,]$$

$$No06 = \begin{bmatrix} f(x) = 8x^2 + 5 \\ a = 2 \\ b = 2.2 \\ c = 2.1 \\ d = 2.01 \end{bmatrix}, \quad No07 = \begin{bmatrix} a = 6 \\ b = 5 \end{bmatrix}, \quad No08 = \begin{bmatrix} a = 3 \\ b = 8 \end{bmatrix}, \quad No08 = \begin{bmatrix} a = 5 \\ b = 3 \end{bmatrix}$$



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