**GRAPHS (ANSWERS)**

DRAW ***SKETCH GRAPHS***:

*1.(a) y = – x2*

 7

 6

 5

 4

 3

 2

 1

 -1

 2

 -3

 -4

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*(b) y = 3x*

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|  -4 -3 -2 -1 1 2 3 4 5 x  |  |  |  |  |  |  |  |  |  |  |  |  |
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*(c). y = x3*

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|  -4 -3 -2 -1 1 2 3 4 5 x  |  |  |  |  |  |  |  |  |  |  |  |  |
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*2.(a) y = 3*

 *x*

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 4

 3

 2

 1

 -1

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 -3

 -4

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|  -4 -3 -2 -1 1 2 3 4 5 x  |  |  |  |  |  |  |  |  |  |  |  |  |
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*(b) y = x(x – 4)*

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 6

 5

 4

 3

 2

 1

 -1

 2

 -3

 -4

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|  -4 -3 -2 -1 1 2 3 4 5 x  |  |  |  |  |  |  |  |  |  |  |  |  |
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*(c) y = 4 – x2*

 7

 6

 5

 4

 3

 2

 1

 -1

 2

 -3

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|  -4 -3 -2 -1 1 2 3 4 5 x  |  |  |  |  |  |  |  |  |  |  |  |  |
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*FINDING EQUATIONS OF GRAPHS:*

*3(a). y = 5/x*

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 6

 5

 4

 3

 2

 1

 -1

 2

 -3

 -4

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|  -4 -3 -2 -1 1 2 3 4 5 x  |  |  |  |  |  |  |  |  |  |  |  |  |
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*(b). y = x2 + 1*

 7

 6

 5

 4

 3

 2

 1

 -1

 2

 -3

 -4

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|  -4 -3 -2 -1 1 2 3 4 5 x  |  |  |  |  |  |  |  |  |  |  |  |  |
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*(c). y = (x – 2)2 + 3*

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 6

 5

 4

 3

 2

 1

 -1

 2

 -3

 -4

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|  -4 -3 -2 -1 1 2 3 4 5 x  |  |  |  |  |  |  |  |  |  |  |  |  |
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*4.(a) y = – 4 / x*

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 5

 4

 3

 2

 1

 -1

 2

 -3

 -4

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|  -4 -3 -2 -1 1 2 3 4 5 x  |  |  |  |  |  |  |  |  |  |  |  |  |
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*(b) y = x2 – 4*

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 4

 3

 2

 1

 -1

 2

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*(c) y = 2x*

 7

 6

 5

 4

 3

 2

 1

 -1

 2

 -3

 -4

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