

Answer Key 5

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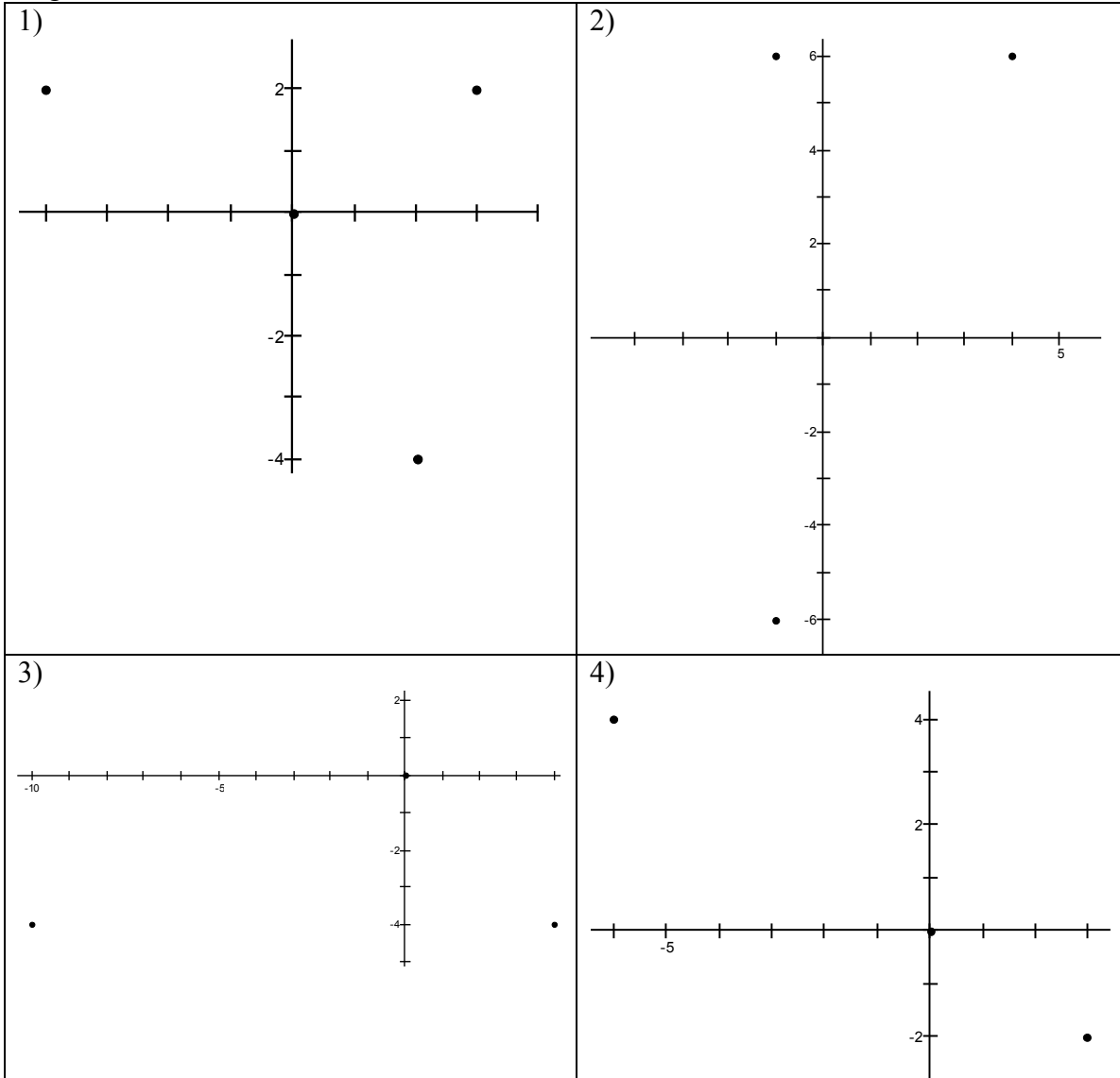
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9) II	10) IV	11) III
12) I	13) III	14) II

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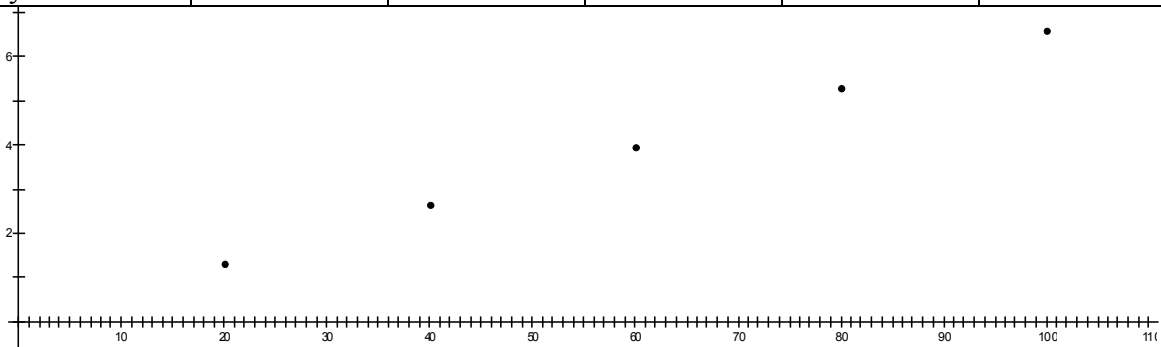
x	-2	0	2	4	6
y=3x-4	-10	-4	2	8	14

23) a) yes b) no c) no d) yes	24) a) no b) yes c) yes d) no	25) a) yes b) yes c) no d) yes	26) a) yes b) yes c) no d) no
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31) a) (-4/3,0) b) (4,16) c) (-2,-2)	32) a) (0,-7) b) (-1,-5) c) (-4,1)
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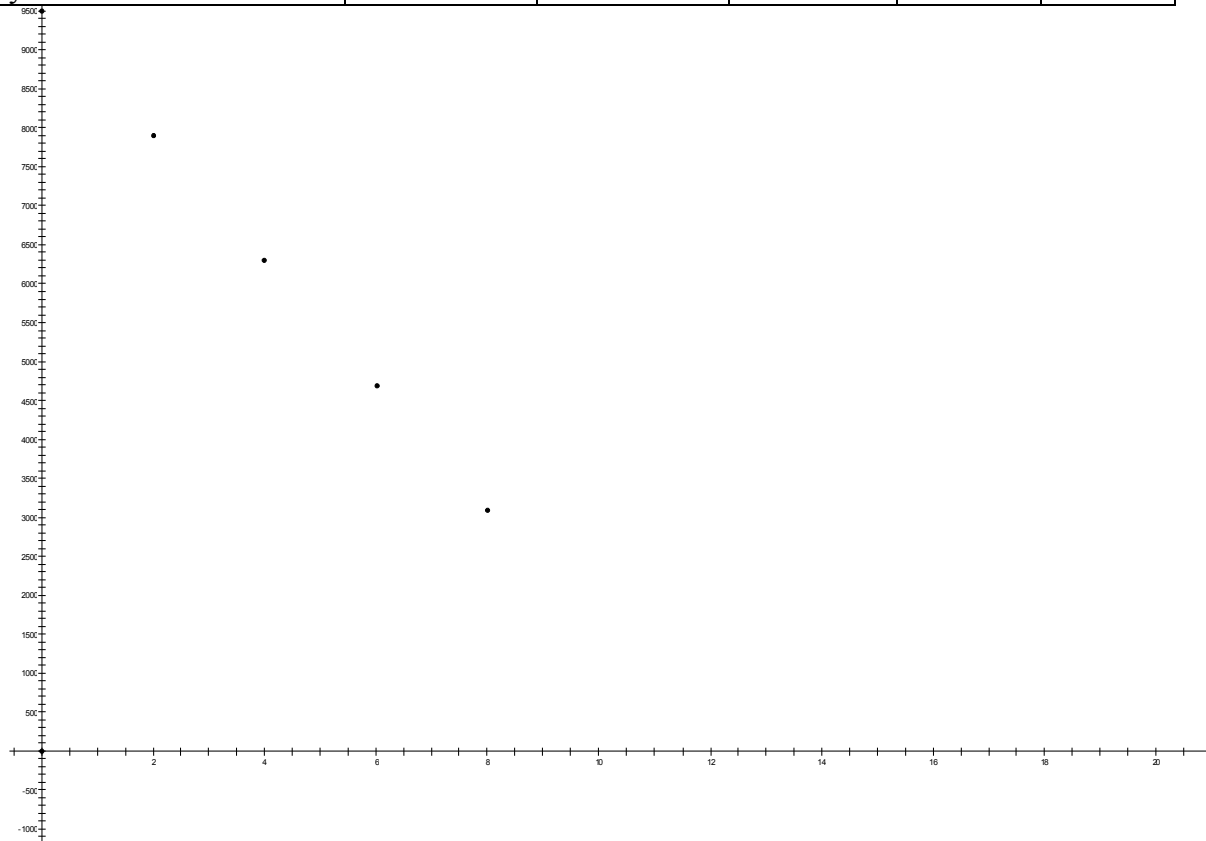
33)

x	20	40	60	80	100
y=.066x	1.32	2.64	3.96	5.28	6.60



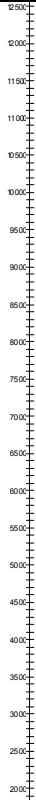
34)

x	0	2	4	6	8
y=-800x+9500	9500	7900	6300	4700	3100



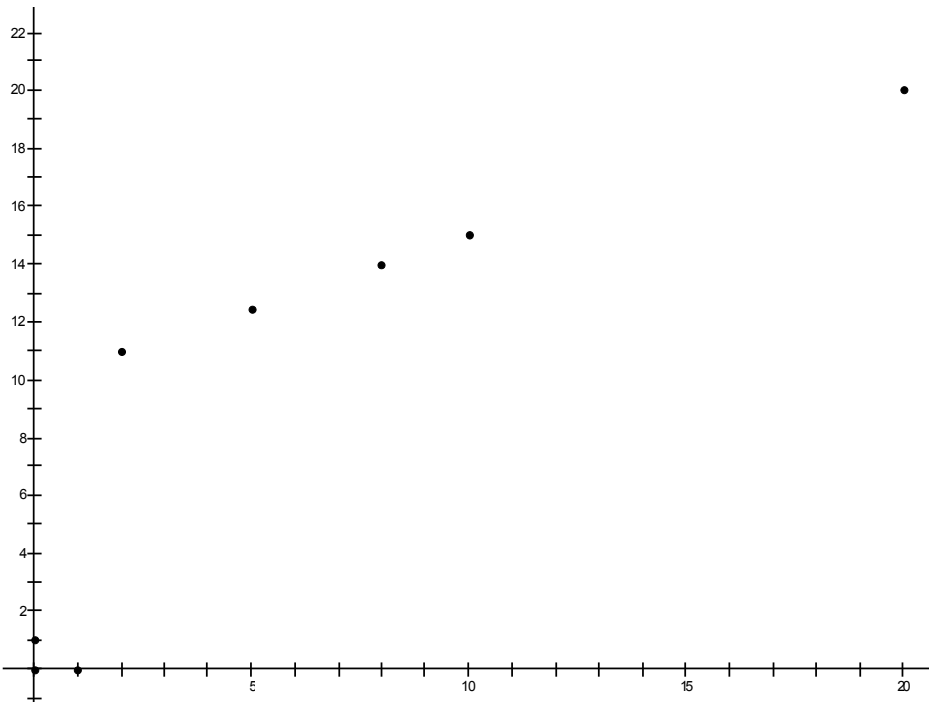
35)

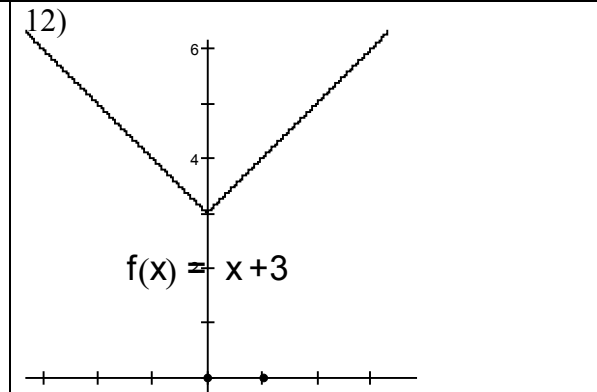
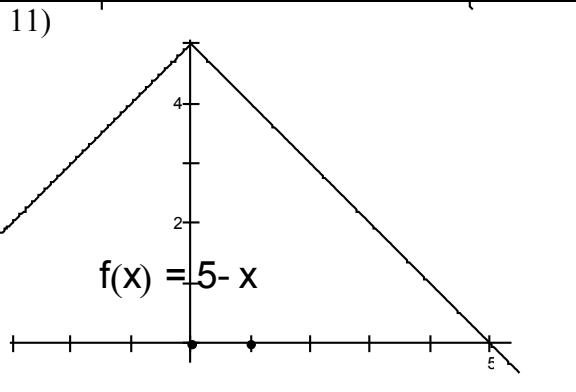
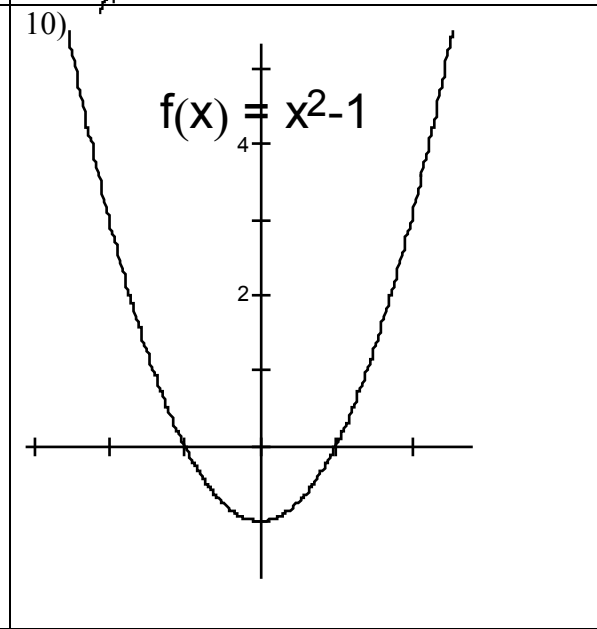
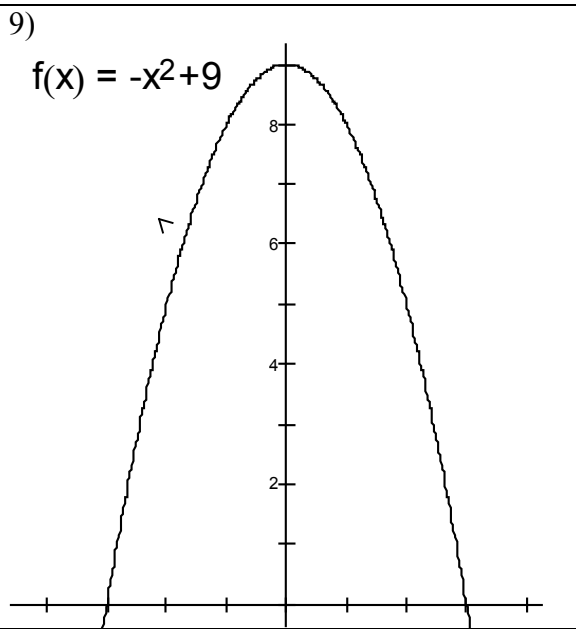
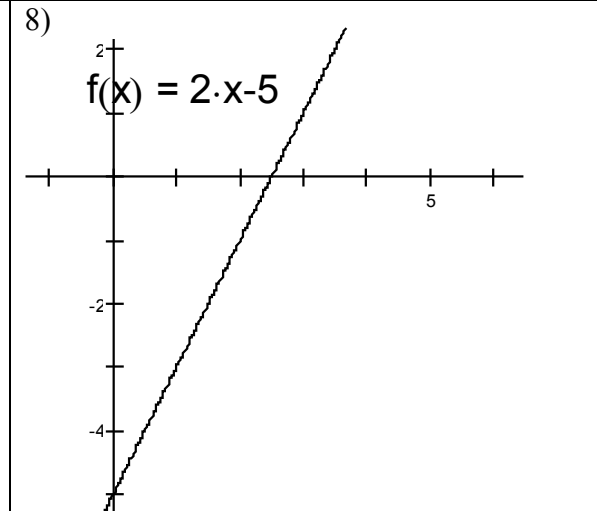
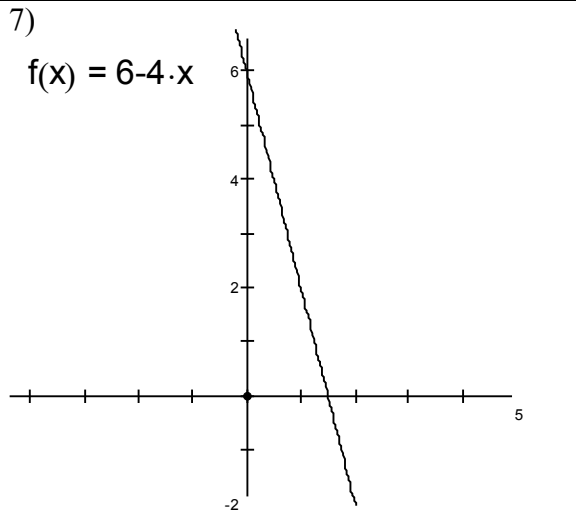
x	100	150	200	250	300
$y = 25x + 5000$	7500	8750	10000	11250	12500



36)

x	2	5	8	10	20
$y = 10 + .5x$	11	12.5	14	15	20





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13) $(-2,0), (0,4)$	14) $(3,0),(0,4)$	15) $(-1,0),(1,0),(0,1)$
16) $(-4,0),(4,0),(0,16)$	17) $(2,0),(0,-1)$	18) $(6,0),(0,3)$

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1) D: $\{-4,1,2,4\}$ R: $\{-3,2,3,5\}$	2) D: $\{-5,-1,4,8\}$ R: $\{-2,3,5,6\}$	3) D: $\{-9,1/2,2\}$ R: $\{-10,0,16\}$
4) D: $\{-6,0,2/3\}$ R: $\{-4,0,1/4\}$	5) D: $\{-1,1,5,8\}$ R: $\{-7,-2,3,4\}$	6) D: $\{-2,-1,1,2,3\}$ R: $\{1,4,9\}$

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7) Function	8) Not a function	9) Function
10) Not a function	11) Function	12) Not a function

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13) Function	14) Function	15) Not a function
16) Not a function	17) Not a function	18) Function

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19) a) 6 b) 6 d) 66 d)11	20) a) $-15/2$ b) -195 c) 5 d) $31/8$	21) a) 1 b) 15 c) 0 d) 0	22) a) 1 b) 1 c) -139 d) $-29/4$
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23) D: $\{0,1,2,3,4\}$ R: $\{4,3,2,1,0\}$	24) D: $\{-2,-1,0,1,2\}$ R: $\{-1,0,1,2,3\}$	25) D: $\{-8,-6,2,5,12\}$ R: $\{-1,0,7,10\}$	26) D: $\{-4,3,4,9,10\}$ R: $\{4,8,5,-2,-7\}$
27) D: $\{-5,-4,-3,-2,-1\}$ R: $\{2\}$	28) D: $\{10,20,30,40\}$ R: $\{100,200,300,400\}$	29) D: $r \mid r > 0$ R: $A > 0$	30) D: $s > 0$ R: $P > 0$