Name _____ Date _____ Class _____

LESSON 4-4

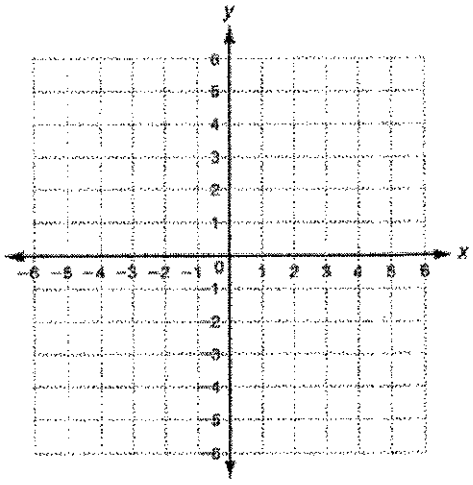
Practice A

Graphing Functions

Graph the function for the given domain.

1. $y = x + 2$; D: {–2, –1, 0, 1, 2}

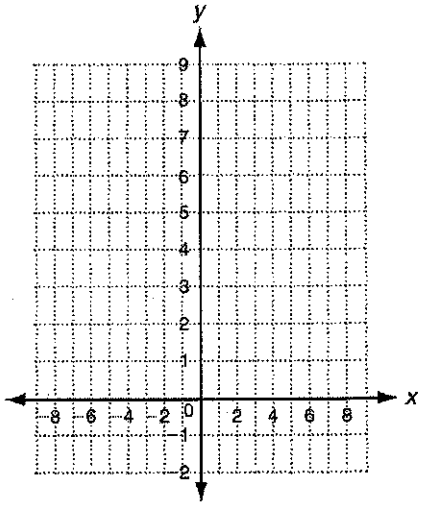
x	$y = x + 2$	(x, y)



Graph the function. The domain is all real numbers.

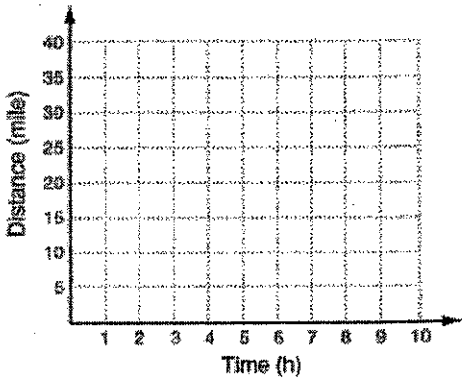
2. $y = x^2 + 2$

x	$y = x^2 + 2$	(x, y)



3. A Pacific salmon can swim at a maximum speed of 8 mi/h. The function $y = 8x$ describes how many miles y the fish swims in x hours. Graph the function. Use the graph to estimate the number of miles the fish swims in 3.5 hours.

x	$y = 8x$	(x, y)



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Name _____ Date _____ Class _____

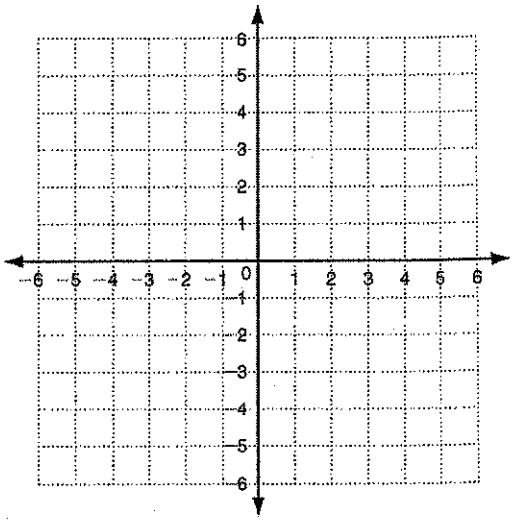
LESSON 4-4

Practice B

Graphing Functions

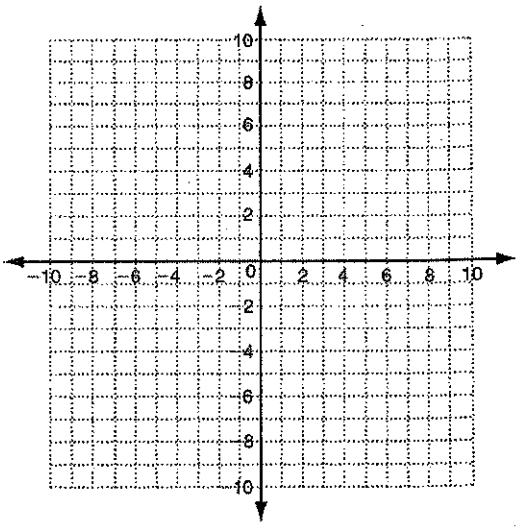
Graph the function for the given domain.

1. $y = |x| - 1$; D: {–1, 0, 1, 2, 3}



Graph the function.

2. $f(x) = x^2 - 3$



3. One of the slowest fish is the blenny fish. The function $y = 0.5x$ describes how many miles y the fish swims in x hours. Graph the function. Use the graph to estimate the number of miles the fish swims in 3.5 hours.

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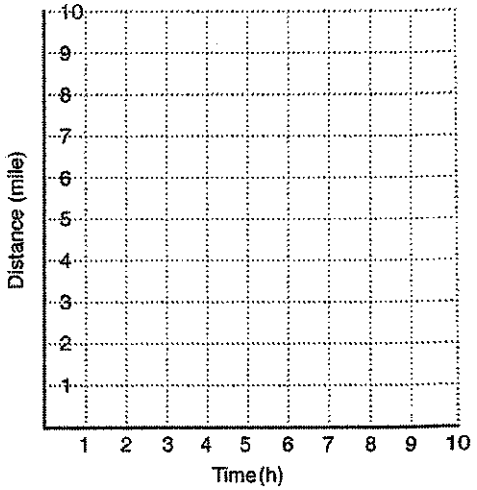

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