

Chapter 4 Practice Quiz

1. MONEY Diana earns \$7.50 an hour working as a lifeguard. Write an equation to find Linda's money earned m for any number of hours h .

1. $m = 7.50h$

2. Make a table to find Diana's earnings if she works 2, 3, 4, or 5 hours.

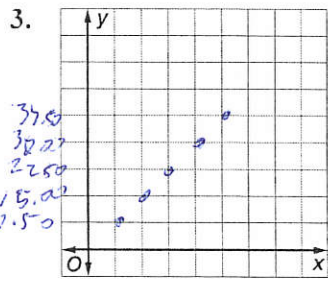
2.

Hours, h	Money, m	$7.50h$
2	15.00	$7.50(2)$
3	22.50	$7.50(3)$
4	30.00	$7.50(4)$
5	37.50	$7.50(5)$

3. Graph the ordered pairs from Exercise 3.

$f(-2) = -(-2) + 3 = 2 + 3 = 5$

$f(3) = 3(3) - 1 = 9 - 1 = 10$



4. Find $f(3)$ if $f(x) = 3x - 1$.

4. $f(3) = 10$

5. Find $f(-2)$ if $f(x) = -x + 3$.

5. $f(-2) = 5$

6. Complete the function table in the answer column at the right if $f(x) = x + 3$.

6.

x	$x + 3$	$f(x)$
-2	$-2 + 3$	1
-4	$-4 + 3$	-1
3	$3 + 3$	6
9	$9 + 3$	12

7. Graph $y = -\frac{2}{3}x$.

8. Graph $y = 3x$.

7-8.

