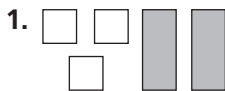


# Practice 2-1

## Variables and Expressions

Write an algebraic expression for each model. Squares represent ones. Shaded rectangles represent variables.



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

Evaluate each expression.

4.  $56 \div b$  for  $b = 7$

\_\_\_\_\_

5.  $3m$  for  $m = 9$

\_\_\_\_\_

6.  $2t - 8$  for  $t = 21$

\_\_\_\_\_

7.  $2(4e)$  for  $e = 5$

\_\_\_\_\_

8.  $3pq$  for  $p = 3$   
and  $q = 5$

\_\_\_\_\_

9.  $9r + 16$  for  $r = 8$

\_\_\_\_\_

10.  $24 - 4t$  for  $t = 4$

\_\_\_\_\_

11.  $3v + 5k$  for  $v = 3$   
and  $k = 6$

\_\_\_\_\_

Copy and complete each table.

12. 

$x$	$x + 7$
2	9
5	12
8	
11	
	21

13. 

$x$	$5x$
3	
6	
9	
12	
	75

14. 

$x$	$125 - x$
15	
30	
45	
60	
	50

15. A cellular phone company charges a \$49.99 monthly fee for 600 free minutes. Each additional minute costs \$.35. This month you used 750 minutes. How much do you owe?

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