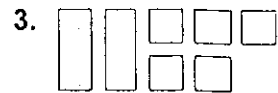
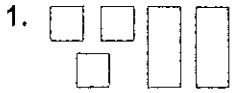


Practice 3-2

Write a variable 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. $v + 16$ for $v = 9$

7. $3pq$ for $p = 3$
and $q = 5$

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

9. $s(58 + t)$ for $s = 2$
and $t = 7$

Copy and complete each table.

10.

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

11.

x	$5x$
3	
6	
9	
12	
	75

12.

x	$125 - x$
15	
30	
45	
60	
	50

13.

x	$6x + 5$
2	
4	
	41
8	
10	

14. 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?

Evaluate the Expressions: Multi-variables

ES1

Evaluate the algebraic expressions for the given values of each variable.

1) $xy - 5$ at $x = 5, y = 2$

2) $r + s^2$ at $r = 4, s = 1$

3) $\frac{c^2}{d}$ at $c = 6, d = 3$

4) $m - 3n$ at $m = 8, n = 2$

5) $v + w$ at $v = 2, w = 5$

6) pq^2 at $p = 1, q = 3$

7) $2gh$ at $g = 3, h = 4$

8) $\frac{a-b}{3}$ at $a = 9, b = 6$