

Name \_\_\_\_\_

Date \_\_\_\_\_

## Distributing Expressions

Use the distributive property to write the following expressions in expanded form.

1.  $2(b + c)$

2.  $5(7h + 3m)$

3.  $e(f + g)$

1. Use the distributive property to write the following expressions in expanded form.

a.  $4(x + y)$

b.  $8(a + 3b)$

c.  $3(2x + 11y)$

d.  $9(7a + 6b)$

e.  $c(3a + b)$

f.  $y(2x + 11z)$

2. Create a model to show that  $2(2x + 3y) = 4x + 6y$ .

Use the distributive property to write the following expressions in expanded form.

1.  $2(b + c)$

$2b + 2c$

2.  $5(7h + 3m)$

$35h + 15m$

3.  $e(f + g)$

$ef + eg$

1. Use the distributive property to write the following expressions in expanded form.

a.  $4(x + y)$

$4x + 4y$

b.  $8(a + 3b)$

$8a + 24b$

c.  $3(2x + 11y)$

$6x + 33y$

d.  $9(7a + 6b)$

$63a + 54b$

e.  $c(3a + b)$

$3ac + bc$

f.  $y(2x + 11z)$

$2xy + 11yz$

2. Create a model to show that  $2(2x + 3y) = 4x + 6y$ .

