

Isolating The Variable

Name _____



Begin with the top expression in each box, and tell what operation was performed to get the expression below it. The right side shows the inverse operations for the left side.

1.

a	$2a + 4$
$2a$	$2a$
$2a + 4$	a

2.

r	$r / 2 - 3$
$r / 2$	$r / 2$
$r / 2 - 3$	r

3.

m	$5m - 4$
$5m$	$5m$
$5m - 4$	m

4.

w	$w / 7 + 10$
$w / 7$	$w / 7$
$w / 7 + 10$	w

5.

n	$-2n + 6$
$-2n$	$-2n$
$-2n + 6$	n

6.

b	$b / -8 + 6$
$b / -8$	$b / -8$
$b / -8 + 6$	b

7.

x	$5 + 3x$
$3x$	$3x$
$5 + 3x$	x

8.

y	$-1 + y / 8$
$-1 + y$	$y / 8$
$-1 + y / 8$	y