

Writing Algebra

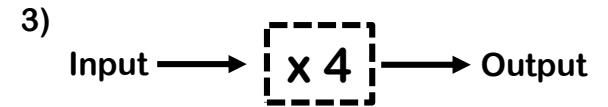
Complete the input/output tables for each function machine.



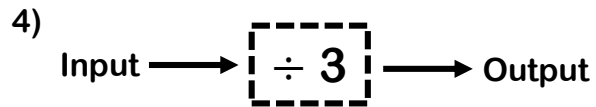
INPUT	OUTPUT
b	
	x
$4y$	
	$3p$
$8d + 1$	
	$2m + 11$



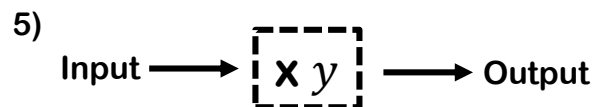
INPUT	OUTPUT
g	
	$-y$
$-2f$	
	$9a$
$7p + 6$	
	$-2q - 5$



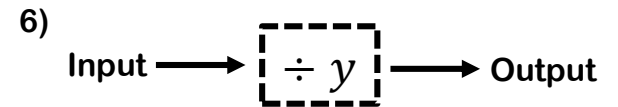
INPUT	OUTPUT
h	
	r
$9a$	
	$20b$
$3n + 1$	
	$16d - 12$



INPUT	OUTPUT
t	
	$-a$
$21f$	
	$-2s$
$a + 4$	
	$-2b - 1$



INPUT	OUTPUT
y	
x	
$3y$	
$4x$	
$2y + 5$	
$3x + 8z$	



INPUT	OUTPUT
x	
y^2	
$4a$	
$-3y^2$	
$2a + b$	
$3y^2 - xy$	

Answers

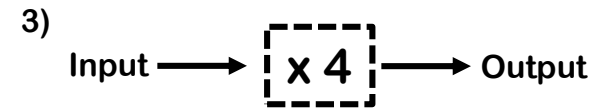
Complete the input/output tables for each function machine.



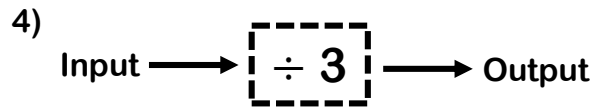
INPUT	OUTPUT
b	$b + 5$
$x - 5$	x
$4y$	$4y + 5$
$3p - 5$	$3p$
$8d + 1$	$8d + 6$
$2m + 6$	$2m + 11$



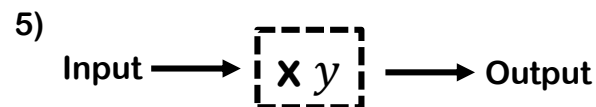
INPUT	OUTPUT
g	$g - 4$
$-y + 4$	$-y$
$-2f$	$-2f - 4$
$9a + 4$	$9a$
$7p + 6$	$7p + 2$
$-2q - 1$	$-2q - 5$



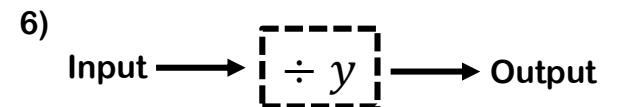
INPUT	OUTPUT
h	$4h$
$\frac{r}{4}$	r
$9a$	$36a$
$5b$	$20b$
$3n + 1$	$12n + 4$
$4d - 3$	$16d - 12$



INPUT	OUTPUT
t	$\frac{t}{3}$
$-3a$	$-a$
$21f$	$7f$
$-6s$	$-2s$
$a + 4$	$\frac{a + 4}{3}$
$-6b - 3$	$-2b - 1$



INPUT	OUTPUT
y	y^2
x	xy
$3y$	$3y^2$
$4x$	$4xy$
$2y + 5$	$2y^2 + 5y$
$3x + 8z$	$3xy + 8yz$



INPUT	OUTPUT
x	$\frac{x}{y}$
y^2	y
$4a$	$\frac{4a}{y}$
$-3y^2$	$-3y$
$2a + b$	$\frac{2a + b}{y}$
$3y^2 - xy$	$3y - x$