



## Homework

## Activity 1

Create an  $x/y$  table on your paper for each of the functions. Use  $-1$ ,  $0$ ,  $1$ , and  $2$  for the  $x$  values in the table. Then solve for  $y$  and fill in the  $y$  values.

**Model**  $y = 2x$

Answer: The  $x/y$  table looks like this:

$x$	$y$
$-1$	$-2$
$0$	$0$
$1$	$2$
$2$	$4$

- $y = 5x$
- $y = 3x$
- $y = 20x$

## Activity 2

Write the functions for each of the following  $x/y$  tables with an equation. Use  $x$  and  $y$  and put  $y$  on the left of the equal sign.

1. 

$x$	$y$
$-1$	$-2$
$0$	$0$
$1$	$2$
$2$	$4$

2. 

$x$	$y$
$2$	$8$
$10$	$40$
$-2$	$-8$
$20$	$80$

3. 

$x$	$y$
$27$	$54$
$-2$	$-4$
$2$	$4$
$50$	$100$

4. 

$x$	$y$
$40$	$400$
$3$	$30$
$200$	$2,000$
$6$	$60$

5. 

$x$	$y$
$3$	$18$
$5$	$30$
$-7$	$-42$
$2$	$12$

6. 

$x$	$y$
$16$	$80$
$-5$	$-25$
$4$	$20$
$25$	$125$

## Homework

## Activity 3

Look at the functions shown by the equations and tables. Graph each on a sheet of graph paper. Label each point and connect them to show the line.

$$y = 2x$$

x	y
-1	-2
0	0
1	2
2	4

$$y = 4x$$

x	y
-1	-4
1	4
3	12
2	8

## Activity 4 • Distributed Practice

Evaluate the numeric expressions using order of operations.

- $-4 \cdot 8 \cdot -1 + 10$
- $(3 + 17) \cdot (-4 + -5)$
- $25 \div 5^2 + 10 - 15$
- $17 - 25 + 45 - 3^2$
- $3 \cdot (49 \div -7) + 40$
- $-6 + -8 - -5 \cdot -8$
- $(45 \div 3^2) - 5 + 15 - 10$
- $-7 \cdot 6 \cdot -1 \cdot \frac{1}{6}$