

## Analyzing Tables

Consider the tables below where the x- and y-values represent two quantities.

A. Do the quantities vary proportionally? Explain how you know.

B. Write a rule for each table in words.

C. Write the rule for each table as an equation.

1.

X	5	4	3	2	1
Y	10	8	6	4	2

2.

X	50	40	30	20	10
Y	5	4	3	2	1

3.

X	1	2	3	4	5
Y	1	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{1}{5}$