

Name _____



Ratio Test

Directions: Calculate y/x for each pair. Record each ratio. Then decide if the ratio is constant. If it is, give the constant of proportionality, k .

1.

x	2	4	6	8
y	6	12	18	24
y/x	_____	_____	_____	_____

Constant? _____ $k =$ _____

2.

x	1	2	3	4
y	5	8	11	14
y/x	_____	_____	_____	_____

Constant? _____ $k =$ _____

3.

x	3	6	9	12
y	2	4	6	8
y/x	_____	_____	_____	_____

Constant? _____ $k =$ _____

4.

x	2	4	6	8
y	8	16	25	32
y/x	_____	_____	_____	_____

Constant? _____ $k =$ _____

5.

x	5	10	15	20
y	3	6	9	12
y/x	_____	_____	_____	_____

Constant? _____ $k =$ _____

6.

x	2	3	5	7
y	10	15	25	35
y/x	_____	_____	_____	_____

Constant? _____ $k =$ _____