

Name: _____ Date: _____ Math #: _____

6.7 Homework

Determine the constant of proportionality(k) for each table and write the relationship between x and y .

1.

x	9	4	2	11
y	63	28	14	77

2.

x	2	3	8	10
y	8	12	32	40

3.

x	4	7	9	14
y	12	21	27	42

4.

x	72	45	36	18
y	32	20	16	8

5.

Number of pie	Number of fruit
2	10
3	15
4	24
5	25

6.

Distance (m)	Time (In minutes)
3	12
4	16
5	20
6	24

Find the constant of proportionality, then use it to fill in the missing values in the table.

7.

x	9		5	
y	36	16		8

8.

x		6	15	9
y	4	2		

Name: _____

Constant of Proportionality - Table

L2S1

The values of x and y are proportional. Determine the constant of proportionality(k) and find the missing values.

1)

x	9		5	
y	36	16		8

2)

x		6	15	9
y	4	2		

3)

x	12		30	48
y		3		8

4)

x			4	
y	25	40	20	60

5)

x	7	11	4	
y			32	24

6)

x		14		
y	21	6	15	3

7)

x		5		30
y	14		6	12

8)

x	3	4		7
y	18		54	