Name_____

PROPORTIONAL REASONING PRACTICE PAGE

Complete the following tables and associated graphs.

At the local market, apples sell for $5.00 for 5 apples.

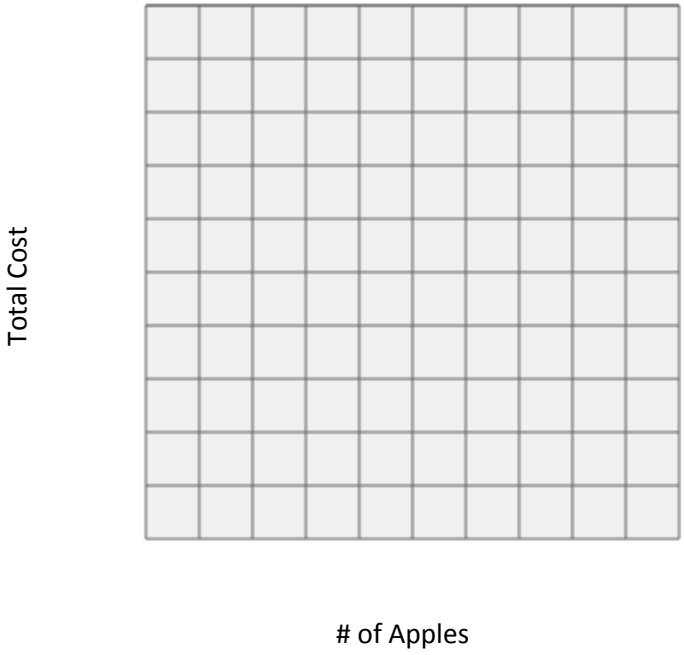
# of Apples	Cost
5	$5.00
10	
2	
1	

The unit rate is

$_____ per apple.

The rule is

_____.



The graph is linear and passes through the origin so it shows proportional reasoning.

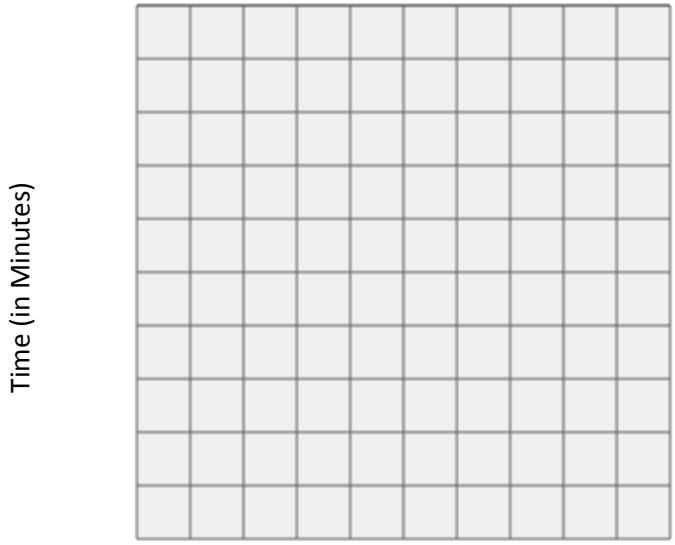
Your friend runs a lot! He ran a 3 mile race in 21 minutes. Imagine his pace is always consistent.

# of Miles	Time
3	21 minutes
6	
2	
1	

The unit rate is _____ minutes per mile.

The rule is

_____.



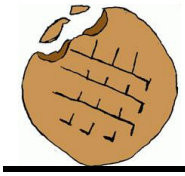
The graph is _____ and _____ so it shows _____.

Name_____

Baking is so much fun! You've found a delicious 2-ingredient recipe for no bake peanut butter oatmeal cookies.

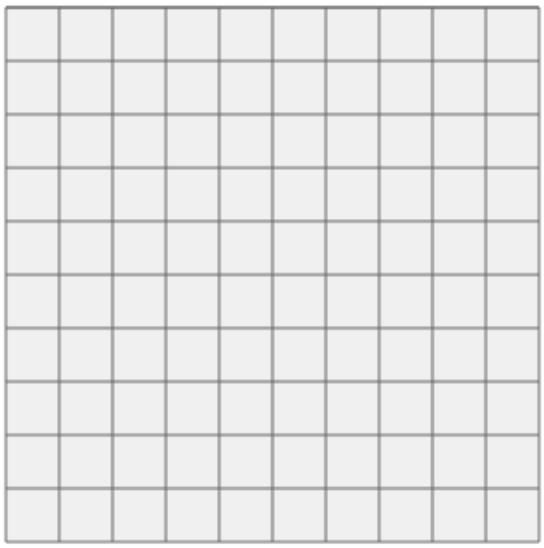
Cups of Oatmeal	Tablespoons of Peanut Butter
2	8
4	
1	
1/2	

The unit rate is _____ tablespoons of peanut butter per cup of oatmeal.



The rule is _____.

Tablespoons of Peanut Butter



Cups of Oatmeal

The graph is _____ and _____ so it shows _____.

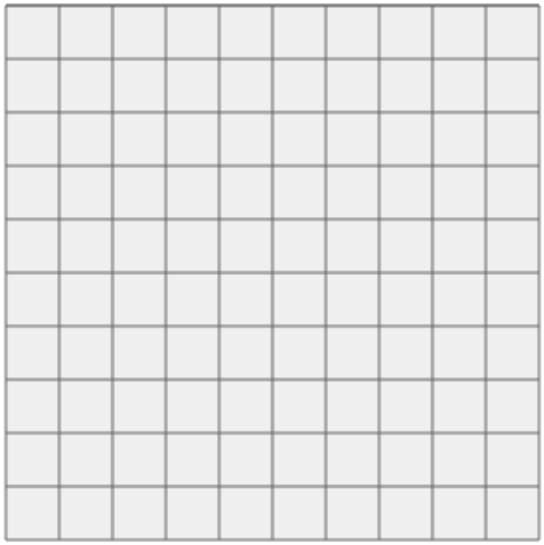
Your teacher is planning a field trip for the class to the local museum. The museum quotes the price of $256 for your 32-student class. Assume there is not group pricing discounts.

# of Students	Cost to Visit Museum
32	$256
16	
8	
1	

The unit rate is $_____ per student.

The rule is _____.

Cost to Visit Museum



# of Students

The graph is _____ and _____ so it shows _____.

Name_____

PROPORTIONAL REASONING PRACTICE PAGE ANSWER KEY

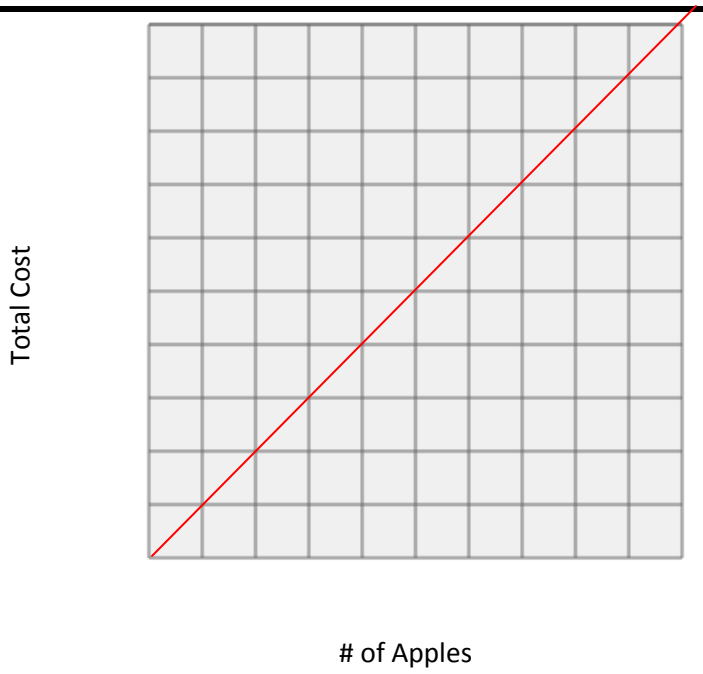
Complete the following tables and associated graphs.

At the local market, apples sell for $5.00 for 5 apples.

# of Apples	Cost
5	$5.00
10	$10.00
2	$2.00
1	$1.00

The unit rate is $1 per apple.

The rule is times 1 (or x 1).



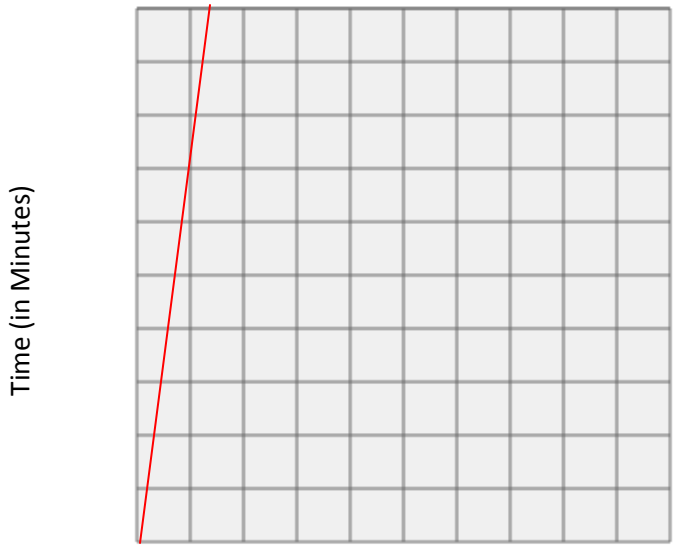
The graph is linear and passes through the origin so it shows proportional reasoning.

Your friend runs a lot! He ran a 3 mile race in 21 minutes. Imagine his pace is always consistent.

# of Miles	Time
3	21 minutes
6	42 minutes
2	14 minutes
1	7 minutes

The unit rate is 7 minutes per mile.

The rule is times 7 (or x 7).



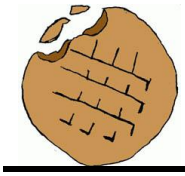
The graph is linear and passes through the origin so it shows proportional reasoning.

Name_____

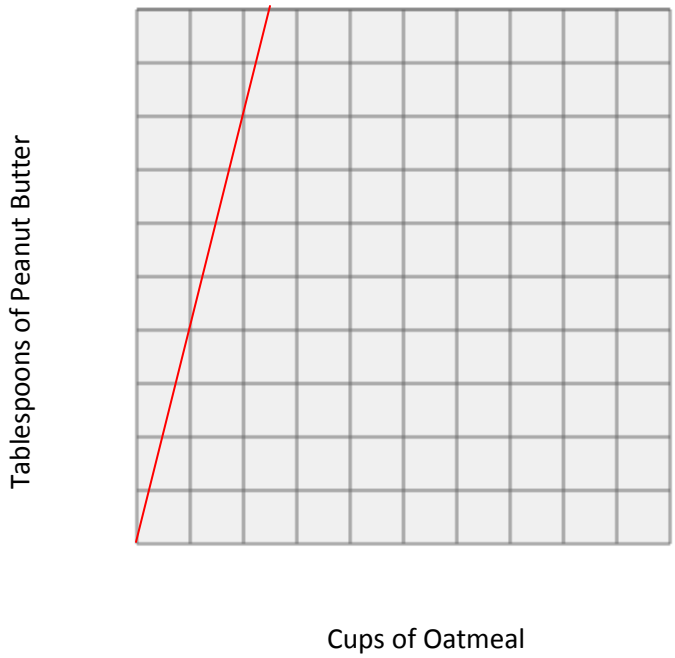
Baking is so much fun! You've found a delicious 2-ingredient recipe for no bake peanut butter oatmeal cookies.

Cups of Oatmeal	Tablespoons of Peanut Butter
2	8
4	16
1	4
1/2	2

The unit rate is 4 tablespoons of peanut butter per cup of oatmeal.



The rule is times 4 (or x 4).



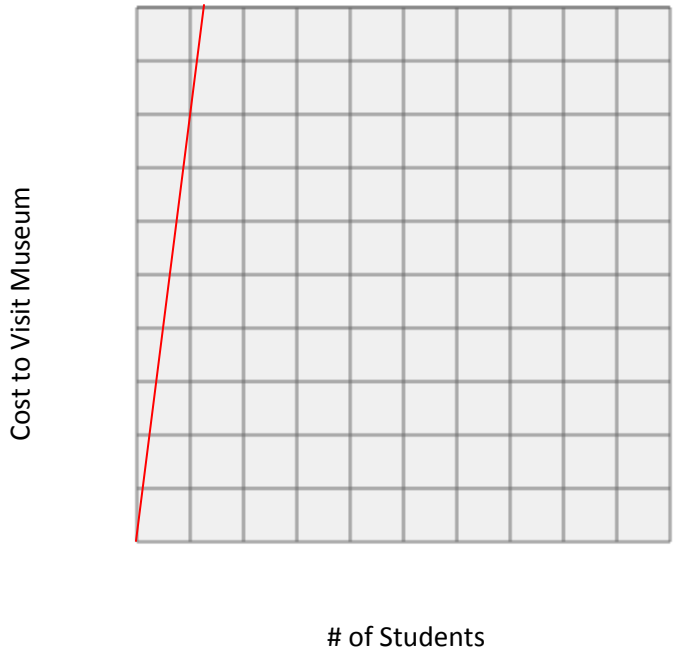
The graph is linear and passes through the origin so it shows proportional reasoning.

Your teacher is planning a field trip for the class to the local museum. The museum quotes the price of $256 for your 32-student class. Assume there is not group pricing discounts.

# of Students	Cost to Visit Museum
32	$256
16	$128
8	$64
1	$8

The unit rate is $8 per student.

The rule is times 8 (or x 8).



The graph is linear and passes through the origin so it shows proportional reasoning.

Name_____