Practice

Direct and Inverse proportion

Name: _____

1. Identify the type of proportion. Label "direct" or "inverse" depending on the situation you find.
2. Find the answer, use the appropriate method.

A). 4 people can paint a fence in 3 hours. How long will it take 6 people to paint it?

_____ Proportion.

_____ Hours

B). 12 workers build a wall in 10 hours. How long do 5 workers build a wall?

_____ Proportion.

_____ Hours.

C). A woman drinks 7 bottles of water in a day. How many bottles of water would she consume in 3 days?

_____ Proportion.

_____ Water bottles.

D). 3 pipes take 60 minutes to water the field. How much time will it take to water the field with 6 pipes?

_____ Proportions.

_____ Minutes.

E). Suzie gets paid $1,600 for 2 hours of babysitting. How much pay should she get if she babysits for 5 hours?

_____ Proportion.

$_____.

F). Rita eats 2 slides of pizza for every can of soda drunk, if she drank 5 cans of soda, how many pizzas did she eat?

_____Proportion.

_____ Slides of pizzas.

G). 12 men can dig a pond in 8 days. How many men can dig it in 6 days?

_____Proportion.

_____ Men.