

Name _____

Date _____

Proportional Relationships Word Problems - Matching Worksheet

Match the constant of proportionality (unit rate) to the situation explained.

- _____ 1. The number of chocolates sold can be determined by the equation: $P = \$.63c$, where P is the price and c is the number of chocolates. a. 6
- _____ 2. In a pizza shop, the number of pizzas prepared can be determined by the equation $P = .30h$. P is the number of pizzas and h is the number of cups of cheese used. b. 3
- _____ 3. Kevin is a florist. The number of flowers he uses can be determined by the equation: $F = 4P$, where F is the number of flowers and P is the vases in the store. c. .25
- _____ 4. Kelly distributes candies among kids. The number of candies can be determined by the equation: $C = 6q$, where C is the number of candies and q is the number of kids. d. .30
- _____ 5. Drew writes a book in two months. The number of pages written can be determined by the equation: $P = .25d$, where P is the number of pages and d is the number of days he was writing. e. 4
- _____ 6. William has a farm of hens. The number of eggs laid by the hens can be determined by the equation $E = 3h$, where E is the number of eggs and h is the number of hens. f. .63

