

Name _____

Date _____

Lesson 31: Problems in Mathematical Terms

Exit Ticket

For each problem, determine the independent and dependent variables, write an equation to represent the situation, and then make a table with at least 5 values that models the situation.

1. Kyla spends 60 minutes of each day exercising. Let d be the number of days that Kyla exercises, and let m represent the total minutes of exercise in a given time frame. Show the relationship between the number of days that Kyla exercises and the total minutes that she exercises.

Independent Variable _____

Dependent Variable _____

Equation _____

2. A taxicab service charges a flat fee of \$8 plus an additional \$1.50 per mile. Show the relationship between the total cost and the number of miles driven.

Independent Variable _____

Dependent Variable _____

Equation _____