

Ernie went to the fair.
 Admission was \$3, and
 ride tickets were \$2 each.
 How much money did he spend?

The fixed amount is \$ _____
 The varying amount is \$ _____

constant rate of change
 (aka slope) y-intercept
 (the fixed amount)

$$y = mx + b$$

(will never be zero in
 non-proportional relationships)

EQUATION

NON-PROPORTIONAL RELATIONSHIP

(aka Direct Variation)

For his birthday, Burt wants
 to take his friends to the movies.
 Each ticket costs \$2.50.
 How much was the total bill?

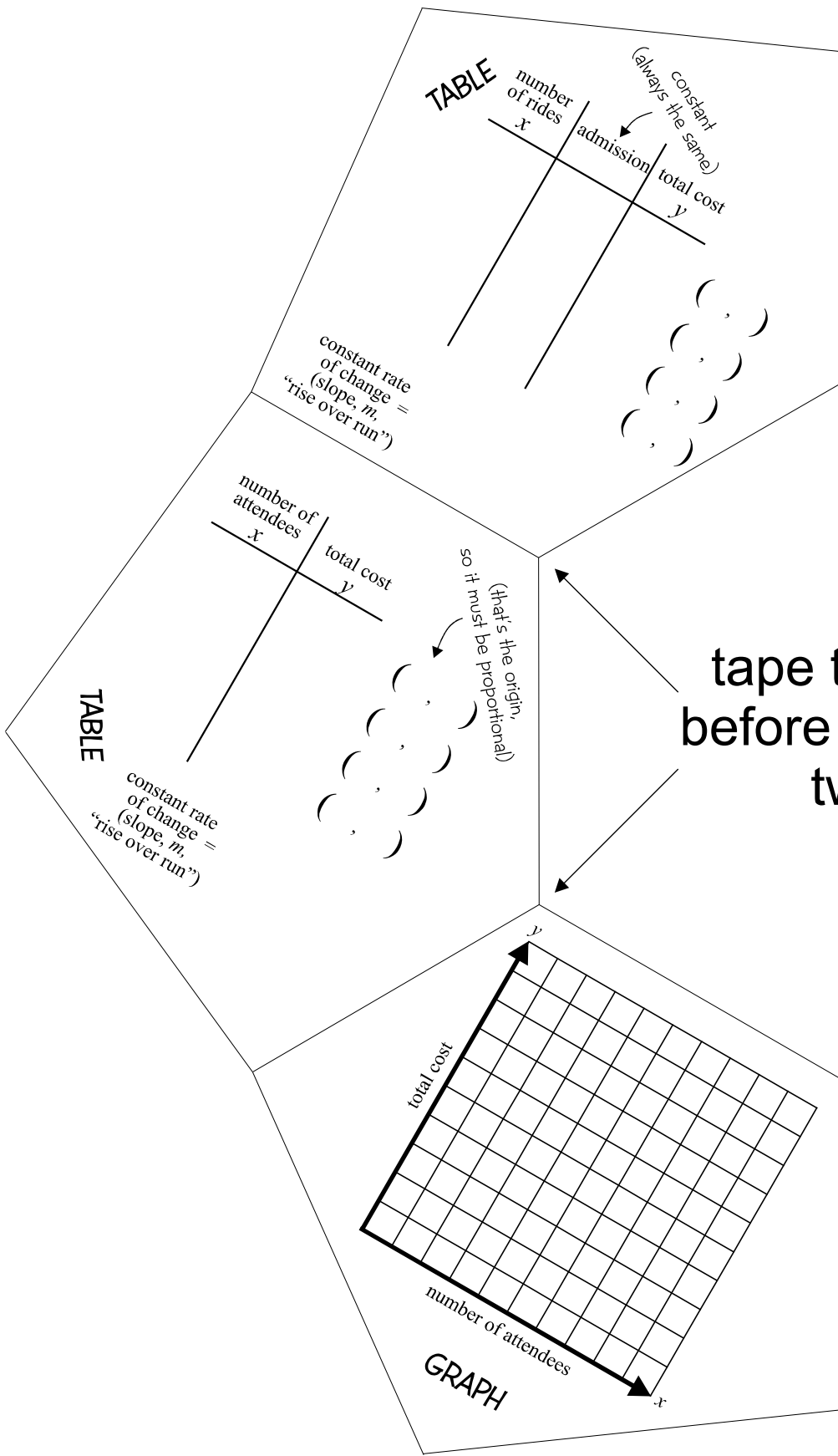
The fixed amount is \$ _____
 The varying amount is \$ _____

dependent variable
 (its value is determined
 by the value of "x") independent variable
 (its value is plugged in)

$$y = mx + b$$

(will always be zero in
 proportional relationships)

EQUATION



tape to other part
 before cutting these
 two lines