

Algebra I

Big Idea: Introduction to Functions and Their Rules

Topic: Representing Mathematical Relationships in Multiple Ways

Task: Printing Tickets

Susie is organizing the printing of tickets for a show her friends are producing. She has collected prices from several printers and these two seem to be the best.

SURE PRINT Ticket Printing 25 tickets for \$2	BEST PRINT Ticket printed \$10 setting up Plus \$1 for 25 tickets
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1. Using C for the cost of the printing and t for the number of tickets, Susie writes a formula for each of the printers. Here is her formula for *Sure Print*:

$$\text{Sure Print} \quad C = \frac{2t}{25}$$

Write the formula for Best Print:

$$\text{Best Print} \quad C =$$

2. Susie's brother Rob has drawn *Sure Print*'s graph on a grid. Draw the graph for *Best Print*.



