Printing Tickets

Susie is organizing the printing of tickets for a show.

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

Tickets printed \$10 setting up plus \$1 for 25 tickets

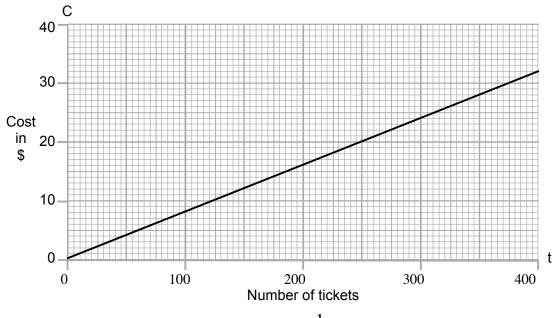
1. Using **C** for the cost of the printing and **t** for the number of tickets, Susie writes a formula for each of the printers. Here is her formula for *Sure Print*:

Sure Print
$$C = \underline{2t}$$

Write the formula for Best Print:

Best Print
$$C =$$

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



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	C =	t =
now how Susie may have calculated C	and t.	
That do Dah's graphs and Susia's cala	ulations tall us about the so	st of the tielrote?
What do Rob's graphs and Susie's calcu Which company should Susie choose up		st of the tickets?
company oncura 2000 cheece as		

Pri	nting Tickets	Ru	bric
		Points	Section points
1.	Gives correct formula such as: $C = 10 + t / 25$	2	
	Partial credit $C = t / 25 \text{ or } C = \frac{t+10}{25}$	(1)	
			2
2.	Draws a correct graph from: (0, 10) to (400, 26)	1 ft 1 ft	
			2
3.	Gives correct answers: $C = 20$ t = 250	1 1	
	Shows correct work such as: $2t \div 25 = 10 + t \div 25$ 2t = 250 + t $C = 2 \times 250 \div 25$	2	4
4.	Gives a correct explanation such as: If Susie buys less than 250 tickets, Sure Price will be cheaper, and if she buys more than 250 tickets, Best Print will be cheaper.	2 ft	
	Partial credit For a partially correct explanation	(1)	2
	Total Points		10