

Task below Exceeded/Mastery practice

Teacher Page:

The goal of this task is to have students take the three scenarios and put them into the same form so that they can accurately draw conclusions. The students should comment on when each company is cheaper and the cost while having math to justify it.

Ways to show:

Graph of all three companies – with written conclusions relating to the graph

or

Equations – harder to find POIs. Must substitute in values or explain using RoC and SV to know when each is cheaper

or

Tables – Must show the point when each scenario is the same cost for the same number of yearbooks

YEARBOOK

The yearbook class is looking for a new publishing company. They are looking at three different companies represented by cost, C , and the number of yearbooks printed, n .

PRINTING 4 LESS

n	C
50	2750
100	3500
200	5000

ALL INKED UP

The base fee is \$2000
and it costs \$3125 to
print 75 yearbooks.

STAPLER

$$C = 25n$$

You are tasked with the job of creating a brief report to the class of which company they should choose. It must be clear when they should choose each company.