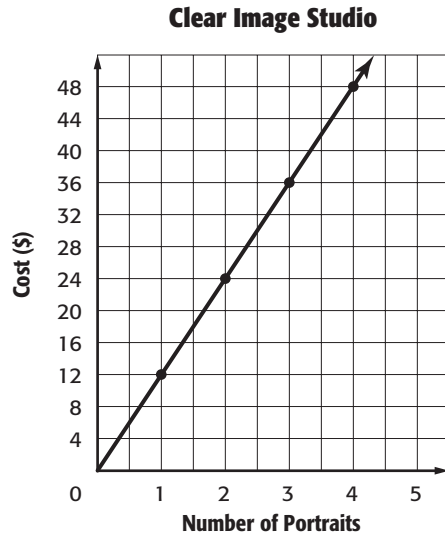


Lesson 5 Homework Practice

Compare Properties of Functions

1. **PORTRAITS** Paolo's Portraits charges \$15 per photo with no sitting fee. The graph shows the fees for Clear Image Studio. Compare the functions by comparing their rates of change.



2. **COMMISSION** Joshua earns a salary plus a commission for every painting he sells. The equation $c = 40p + 75$, where c is the commission in dollars and p is the number of paintings, represents how much he earns. Martin's commissions are shown in the table. Compare the functions by comparing their y-intercepts and rates of change.

Number of Paintings Sold	1	2	3
Commission (\$)	115	150	185

3. **TOLL ROADS** The table shows the cost for traveling on a toll road in Henderson. The graph shows the cost of traveling on a toll road in Clarkson. Compare the linear functions to determine which is a direct variation. Justify your response.

Henderson Toll Road Costs	
Miles Traveled	Cost (\$)
10	3
20	6
30	9

