

For problems 1 and 2, fill in the tables and then find the unit rate for each problem.

1. An adult elephant drinks about 225 liters of water each day. Is the number of days the water supply lasts proportional to the number of liters of water the elephant drinks?

Time (Days)	1	2	3	4
Water (Liters)	225			

2. An elevator goes up at a rate of 750 feet per minute. Is the height to which the elevator ascends proportional to the number of minutes it takes to get there?

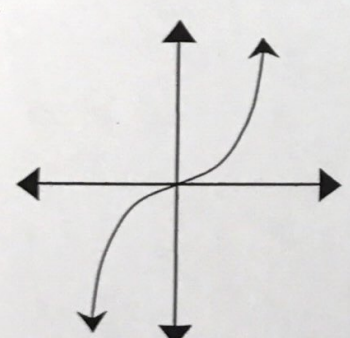
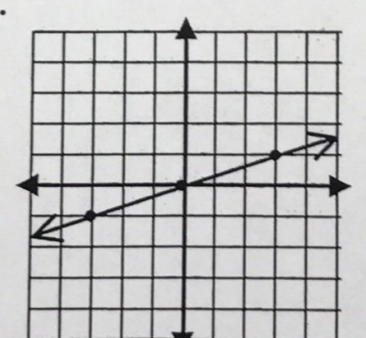
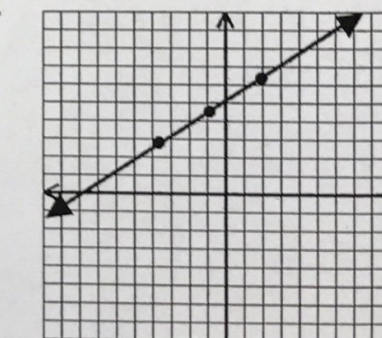
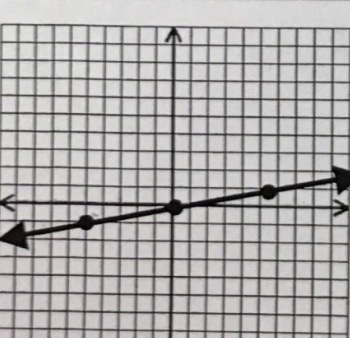
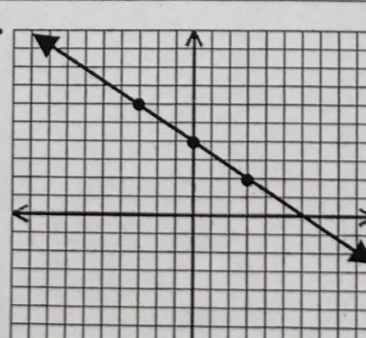
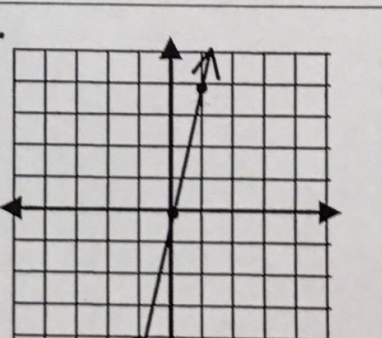
Time (Min)	1	2	3	4
Height (Feet)				

3. Which situation represents a proportional relationship between the number of laps run by each student and their time? *How do you know?*

Mark's Time (Sec)	146	292	584
Laps	2	4	8

Kathy's Time (Sec)	150	320	580
Laps	2	4	6

Determine if the following relationships are proportional or non-proportional. Circle your response and explain why.

<p>4.</p>  <p>Proportional non-proportional</p>	<p>5.</p>  <p>Proportional non-proportional</p>	<p>6.</p>  <p>Proportional non-proportional</p>
<p>7.</p>  <p>Proportional non-proportional</p>	<p>8.</p>  <p>Proportional non-proportional</p>	<p>9.</p>  <p>Proportional non-proportional</p>