Linear Situations

Examples:

a) A model rocket is 2 ft above the ground. When shot off the rocket ascends
     at a rate of 4 ft per second.

Input:					
Output:					

Graph: Linear or Not????

Equation: _____

b) Every loaf of bread costs $1.50.

Input:					
Output:					

Graph: Linear or Not????

Equation: _____

Now you try…

1. Gasoline costs $2.10 per gallon.

Input:					
Output:					

Graph: Linear or Not????

Equation: _____

2. Drew can run 8 miles every hour.

Input:					
Output:					

Graph: Linear or Not????

Equation: _____

3. Claudia is 36 inches tall. Every year she grows 2 inches.

Input:					
Output:					

Graph: Linear or Not????

Equation: _____

4. An electrician charges $45 for a house call, plus $60 for each hour of work.

Input:					
Output:					

Graph: Linear or Not????

Equation: _____