To earn some money Sahara takes a job in a ski shop working primarily with her specialtysnowboards. She is paid a monthly salary of \$950 plus a commision of \$2 for each snowboard she sells. a) Write an equation that models her monthly earnings <i>E</i> .		
h) Determine	the number of snowboards	s she must sell to have a monthly income of
\$1500.		
<b></b>	500 = 25x +	- 730
	550 = 25x	[22 Snowboards]
	$z^{2} \in X$	

Joe purchased his dream car for \$37,000 in 2012. By 2015, the book value was only \$24,400. Write a linear equation modeling the value of the car.

 $\frac{12,600}{-3} = -4200^{-3}$ 

## What will be the car's value in 2020?

V = -4200(2020) + 8487400V = 43400