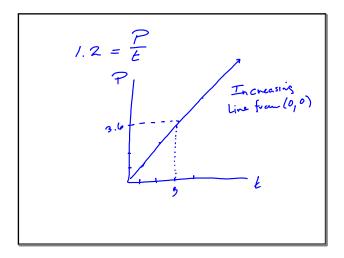
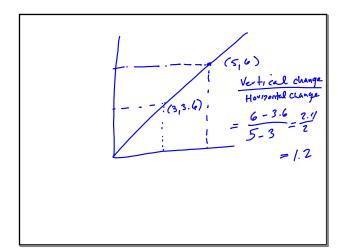
0.75 0.8 0.8125
0.82
0.8083 w
0.8083 A11 close to

Direct Variation is a description of two quantities that have a consistent ratio when compared Not exact Real world examples we look for pattern

E	P	P/E	
85	100	1.18 1.28	
39 24	77 1	1. 21	
40	95	1.58-	TF 60,95 was not there
70	90	17.2.	, 'l , serido'
			be direct Variation





Slope of the graph
is the vatio of
quantities $\frac{Y}{x}$

$$\frac{a}{b} = 5.1 \quad a = 23$$

$$\frac{a}{b} = 5.1 \quad b = 2.3$$

$$\frac{a}{b} = 5.1 \quad b = 2.3$$

$$\frac{a}{b} = 5.1 \quad b = 2.3$$

$$\frac{a}{b} = 5.1 \quad a = 5.1$$

$$\frac{23}{5.1} = \frac{5.1b}{5.1} \quad a = 5.1 \cdot 2.3$$

$$4.5 = b \quad a = 11.73$$

A model shows direct variation if the quotient is Consistent
$$\frac{y}{x}$$