An air balloon is 150 m above sea level. It descends at 25 m/min.

# of minutes	Alfitude (m)	F.D'5
0	150	///////////////////////////////////////
1	125	-25
2	.100	- 25
3	75	-25
Ч	50 .	-25
5	25	- 25

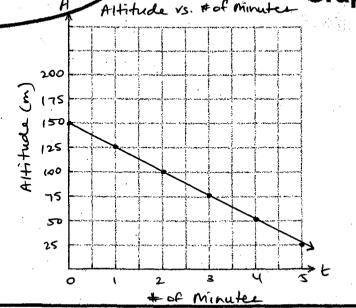
Equation

The Rule of Four

Altitude vs. # of Minutes Graph

Let & represent altitude (m). Let & represent # of minutes.

A = 150 - 25t



Words

A taxi ride costs a flat fee of #5 and #0.50 yer km driven.

Table

Dis	tance (km)	(#)	F.D'S
	0	. 5	11/1/11/1/11/1////
	2_	6	(
	4	7	(
	ب	8	(
\	&	9	(

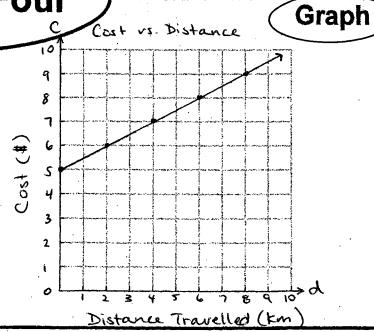
Equation

rate of = F.D's = 1 = #0.50/km

Let C represent total cost (\$)
Let d represent distance travelled (\$m)

C = 5 + 0.50d

The Rule of Four



Words

To fix a car, it costs a flat fee of \$ 20 plus

\$ 40 per hour of service.

Table

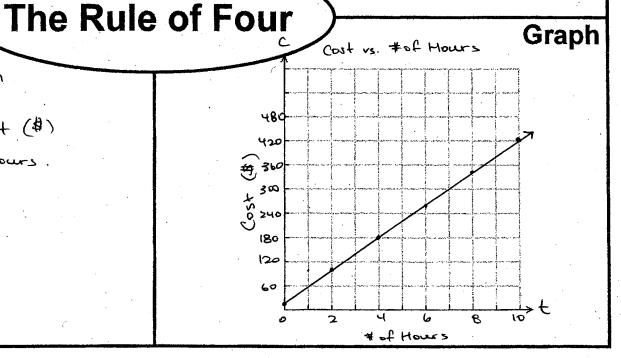
· LVW	# of Hours	Cost (8)	F.D'S
<i>\$</i> \$\$	0	20	111111111111111111111111111111111111111
2 ·	2	(00	80
.∑ ~ ∶	4	180	80
2 6	6	260	80
1	8	340	80
2 •	10	420	80

Equation

rate of = F.D's = 80 = #40/h change scale of Ind.

Let C represent total cost (#) Let t represent # of hours.

C = 20 + 40t



Words

An author earns \$ 0.25

for each book sold.

# of books sold	Earnings (18)	F.D's
0	. 0	Mainann
	0.25	0.25
2	0.50	0.15
3	0.75	0.25
4	1	0.25
5	1.25	6.25

Equation

The Rule of Four

Let E represent total earnings. (8)
Let b represent the number of

books sold.

E = 0.256

