

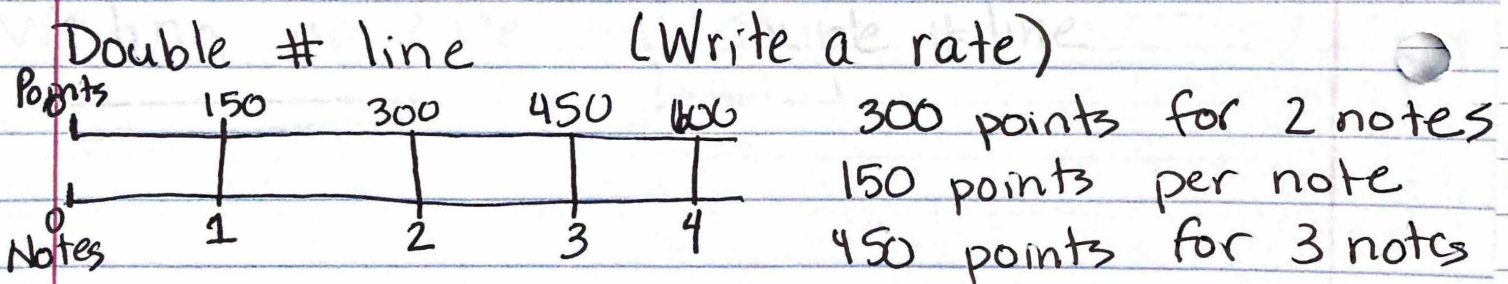
# 5.3 Rates

Rate: A ratio of two quantities using different units

Unit Rate: Compares a quantity to one unit of another quantity.

Equivalent rates: have the same unit rate.

Ex Rate: \$27 : 3 pizzas  
Unit rate: \$9 : 1 pizza



Finding a Unit Rate  
Use a ratio table

	Rate $\rightarrow \div 8$		← unit rate = $\frac{5}{8}$ of a mile per second
Dist	5	$\frac{5}{8}$	
Time	8	1	

←  $\div 8$

	Rate $\div 10$		Rate $\div 10$	
m	3	$\frac{3}{10}$		
s	10	1		

$\div 10$

Finding Equivalent Rates

Cost	51	85	17
Salmon	6	1	2

$\div 6$        $\times 2$

	<del>3</del>	16	8	24
lb	<del>4</del>	2	1	3

$\rightarrow \times 3$   
 $\rightarrow \times 3$