

What's the { Situation? }

What's { Equation? }

Last night I had to grade papers. I can grade at a rate of 2 papers a minute. I already have 10 papers graded.

Write an equation to model the situation.

total papers graded ~ slope
 $y = 2x + 10$
 my "rate" ~ time
 started with 10 ~ my y intercept

Based on this of a function
 Domain & Range there is no x-intercept
 4 views of a function

What's { Table? }

What's the { Graph }

(time in min) (# papers)

0	10	y intercept
1	12	$\frac{y_2 - y_1}{x_2 - x_1}$
2	14	
3	16	

