	Submarine	Rate of Change	7 3	5	12.0
	Α	*-3 1⁄2			0
	В	-4 ¾	67.4		2
	С	-6 ½			
	D	-2 <del>%</del> s			
				2	
Part A		ne position of Submarine D	relative to sea level?	-7.4	
	minutes, what is tr our work.	le position of Submarine a	, relative to our version	v 7	
Answei	- <del>(16.8)</del>	meters		- 16.8	
Part B			to soo lovel changes	at a constant rate	per
Subma	rine E also starts at	sea level and its position i	relative to sea level changes	(=3)	N
	minute. Submarii	ne E is at -30 meters after	10 minutes.	101-30	
Choose	e True or False for e	each statement.	-30		
	a. Subm	arine E changes position fa	aster than Submarine D.	<b>I</b> xTrue □	False
t.	b. The po	osition of Submarine E will	be between the positions		Falso
	of Submarine	C and Submarine B.		☐ True	Faise
	c. The p	osition of Submarine B cha	anges twice as fast as	☐ True	False
	Submarine E.				
	d The nositi	on of Submarine E after 10	) minutes is closer to sea	<b>True</b> □	False
	level than pos	sition of Submarine A after	10 minutes.		
	2		3.5		
		- 2			
		Y	10		
		(-30)	350		

3) Suppose 0 > a > -1. What must be true about the value of b so that a>ab?

The table shows the change in position per minute, relative to sea level, of four different submarines.

Bellwork

C 1 > b > 0

D -1 < b < 0

4) Four submarines start at sea level, which is 0 meters.

A 1<b

B b < -1