

NAME DATE

REQUESTION: Solution: $v_A = -(10 \text{ rad/s})$ $v_{A/B} = v_A - (10 \text{ rad/s})$	Rene disk rota What is the value in the value is the value in the value in the value in the value is the value in the value in the value in the value is the value in the value in the value in the value is the value in the valu	relocity of part of the second	e earth-f the fix point A	relativ	coording to provide the provident coordinate to provide the provid	inate O at point				y A O O O O O O O O O O O O O O O O O O	B	0 rad/s
Solution: $v_A = -(10 \text{ rad})$ $v_{A/B} = v_A - (10 \text{ rad})$	Reme disk rota What is the value on of point own?	ates about relocity of pon? It A relative	the fix	relativ	oint (ve to p	O at						
Solution: $v_A = -(10 \text{ rad})$ $v_{A/B} = v_A - (10 \text{ rad})$	Reme disk rota What is the value on of point own?	ates about relocity of pon? It A relative	the fix	relativ	oint (ve to p	O at						
REQUESTION: Solution: $v_A = -(10 \text{ rad/s})$ $v_{A/B} = v_A - (10 \text{ rad/s})$	ne disk rota What is the v instant shown on of poin own?	ates about relocity of pon? It A relative	the fix	relativ	oint (ve to p	O at						
REQUESTION: Solution: $v_A = -(10 \text{ rad/s})$ $v_{A/B} = v_A - (10 \text{ rad/s})$	ne disk rota What is the v instant shown on of poin own?	ates about relocity of pon? It A relative	the fix	relativ	oint (ve to p	O at						
REQUESTION: Solution: $v_A = -(10 \text{ rad/s})$ $v_{A/B} = v_A - (10 \text{ rad/s})$	What is the venstant shows on of point own?	relocity of part of the second	point A	relativ WI	re to p	ooint s the						
REQUES Solution: $v_A = -(10 \text{ rad})$ $v_{A/B} = v_A - (10 \text{ rad})$ $v_{A/B} = (10 \text{ rad})$	on of poin own?	a? t A relativ	1 1	W	hat is	s the			2	ft		
Solution: $v_A = -(10 \text{ rad})$ $v_{A/B} = v_A - (10 \text{ rad})$	on of poin own?	t A relativ	ve to p	Wipoint	hat is B at	s the _ t the _			2	ft	B	x
Solution: $v_A = -(10 \text{ rad})$ $v_{A/B} = v_A - (10 \text{ rad})$	on of poin own?	t A relativ	ve to p	point	B at	t the			2	ft	B	x
Solution: $v_A = -(10 \text{ rad})$ $v_{A/B} = v_A - (10 \text{ rad})$ $a_A = -(10 \text{ rad})$	UIRED:								2	ft		
Solution: $v_A = -(10 \text{ rad})$ $v_B = (10 \text{ rad})$ $v_{A/B} = v_A - (10 \text{ rad})$ $a_A = -(10 \text{ rad})$	UTION											
Solution: $v_A = -(10 \text{ rad})$ $v_B = (10 \text{ rad})$ $v_{A/B} = v_A - (10 \text{ rad})$ $a_A = -(10 \text{ rad})$	UTION											
Solution: $v_A = -(10 \text{ rad})$ $v_B = (10 \text{ rad})$ $v_{A/B} = v_A - (10 \text{ rad})$ $a_A = -(10 \text{ rad})$	UTION											
Solution: $v_A = -(10 \text{ rad})$ $v_B = (10 \text{ rad})$ $v_{A/B} = v_A - (10 \text{ rad})$ $a_A = -(10 \text{ rad})$	UTION											
Solution: $v_A = -(10 \text{ rad})$ $v_B = (10 \text{ rad})$ $v_{A/B} = v_A - (10 \text{ rad})$ $a_A = -(10 \text{ rad})$	UTION											
Solution: $v_A = -(10 \text{ rad})$ $v_B = (10 \text{ rad})$ $v_{A/B} = v_A - (10 \text{ rad})$ $a_A = -(10 \text{ rad})$	UTION											
Solution: $v_A = -(10 \text{ rad})$ $v_B = (10 \text{ rad})$ $v_{A/B} = v_A - (10 \text{ rad})$ $a_A = -(10 \text{ rad})$	UTION											
Solution: $\mathbf{v}_A = -(10 \text{ radio})$ $\mathbf{v}_B = (10 \text{ radio})$ $\mathbf{v}_{A/B} = \mathbf{v}_A - (10 \text{ radio})$												
Solution: $\mathbf{v}_A = -(10 \text{ radio})$ $\mathbf{v}_B = (10 \text{ radio})$ $\mathbf{v}_{A/B} = \mathbf{v}_A - (10 \text{ radio})$												
Solution: $\mathbf{v}_A = -(10 \text{ radio})$ $\mathbf{v}_B = (10 \text{ radio})$ $\mathbf{v}_{A/B} = \mathbf{v}_A - (10 \text{ radio})$												
Solution: $\mathbf{v}_A = -(10 \text{ radio})$ $\mathbf{v}_B = (10 \text{ radio})$ $\mathbf{v}_{A/B} = \mathbf{v}_A - (10 \text{ radio})$												
Solution: $\mathbf{v}_A = -(10 \text{ radio})$ $\mathbf{v}_B = (10 \text{ radio})$ $\mathbf{v}_{A/B} = \mathbf{v}_A - (10 \text{ radio})$												
$v_A = -(10 \text{ rad})$ $v_B = (10 \text{ rad})$ $v_{A/B} = v_A - 0$ $v_{A/B} = v_A - 0$	rad/s)(2 ff) $i = -(20)$	ft/s\i										
$v_A = -(10 \text{ rad})$ $v_B = (10 \text{ rad})$ $v_{A/B} = v_A - 0$ $v_{A/B} = v_A - 0$	rad/s)(2 ft) $i = -i2$ 0	ff/s)i										
$\mathbf{v}_B = (10 \text{ rad} a)$ $\mathbf{v}_{A/B} = \mathbf{v}_A - \mathbf{v}_A$ $\mathbf{a}_A = -(10 \text{ rad} a)$	rad/s)(2 ft)i = -(20	ft/s)i										
$v_{A/B} = v_A - \frac{1}{2}$ $a_A = -(10 \text{ s})$,,. (20	103/1										
$a_A = -(10 \text{ rs})$	$\mathbf{j}(\mathbf{s})(2 \text{ ft})\mathbf{j} = (20 \text{ ft/s})$	s) j										
$a_A = -(10 \text{ rs})$	$-v_B = (-20i - 20i)$	lj) ft/s										
$a_{P} = -(10 \text{ m})$	$rad/s)^2(2 ft)j = -(2$	200 ft/s ²)j										
(20 2)	$rad/s)^2(2 ft)i = -(2$	200 ft/s ²)i										
-	- (200) 20	oi> e4-2										
$\mathbf{a}_{A/B} = \mathbf{a}_A$	$-a_B = (200i - 20)$	0)) 105										