	C11	- 6.	7 - Sı	um c	of Re	cipr	ocal	s Co	nsec	utiv	e Int	tege	rs N	otes			
	The si	um of	the rec	ciproca	als of t	wo co	nsecu	tive in	tegers	is $\frac{5}{6}$ . W	hat ar	e the i	ntege	rs?			
	Let "	x" =	1st #	#	1	1		5			Re	estricti	ons				
	Let x	: + 1 =	= 2nd	#													
					$\frac{1}{r}$	$+\frac{1}{(x)}$	= 1)	<u>5</u>				$x \neq 0$		≠ −1	)		
					$\left(\frac{1}{x}\right)$	$+\frac{(x)}{(x)}$	= - 1) = - 1) =	$\left(\frac{5}{6}\right) \times 1$	LCD		LC	D: 6x	(x + 1)	)			
					-6(x -	+ 1) +	6x = 6x =	5x(x)	+1)								
					Ox	+ 0 +	0 = 5	$x^2 - 7$	7x - 6		()						
							0 = 5	x(x -	10x) + 3	3(x-1)	- 6) 2)						
	<i>x</i> =	2					0 = (	5x + 3	3)(x –	۷)							
	1st	numb	per = 2	2		(x	c = -	5	x =	= 2							
	2na	l num	ber =	3			Reje	ect									