Fill In The Blanks...

Recurring Decimal Proof

x as recurring decimal	Write out multiples of x	Subtract	x as a fraction
$x = 0.\dot{7}$	$10x = 7.\dot{7} = 7.77777\ldots$ $x = 0.\dot{7} = 0.77777\ldots$	$9x = 7$	$x = \frac{7}{9}$
$x = 0.\dot{2}$	$10x =$ $x =$		
$x = 0.\dot{3}\dot{5}$	$100x = 35.\dot{3}\dot{5} = 35.3535\ldots$ $x = 0.\dot{3}\dot{5} = 0.3535\ldots$	$99x = 35$	
$x = 0.\dot{4}\dot{1}$	$100x =$ $x =$		
$x = 0.\dot{2}\dot{7}$			
$x = 0.\dot{6}1\dot{3}$	$1000x =$		
$x = 0.0\dot{2}$	$100x = 2.\dot{2} = 2.22222\ldots$ $10x =$		
$x = 0.1\dot{4}\dot{3}$			
$x = 0.93\dot{2}$			
$x = 0.9\dot{3}\dot{2}$			
$x = 0.00\dot{5}$			