

Question	Answer	Mark	Mark scheme	Additional guidance
12	$\frac{717}{9900}$	M1 M1 A1	<p>($10x =$) $0.7\dot{2}\dot{4}$ or $0.72424\dots$ or ($100x =$) $7.\dot{2}\dot{4}$ or $7.2424\dots$ or ($1000x =$) $72.\dot{4}\dot{2}$ or $72.4242\dots$ or ($10000x =$) $724.\dot{2}\dot{4}$ or $724.24\dots$</p> <p>(dep M1) for a method using two recurring decimals that leads to a terminating decimal difference, using correct multiples of x</p> <p>eg ($10000x - 100x =$) $724.\dot{2}\dot{4} - 7.\dot{2}\dot{4}$ ($= 717$) or $724.24\dots - 7.2424\dots$ ($= 717$) or ($1000x - 10x =$) $72.\dot{4}\dot{2} - 0.7\dot{2}\dot{4}$ ($= 71.7$) or $72.4242\dots - 0.72424\dots$ ($= 71.7$) or ($100x - x =$) $7.\dot{2}\dot{4} - 0.07\dot{2}\dot{4}$ ($= 7.17$) or $7.2424\dots - 0.072424\dots$ ($= 7.17$)</p> <p>oe eg $\frac{239}{3300}$</p>	<p>$\frac{7.17}{99}$ and $\frac{71.7}{990}$ must be written in the form $\frac{a}{b}$ where a and b are integers to gain the accuracy mark</p>