13	eg 10 000x = 3818.18…_ 100x = 38.18… **or** 1000x = 381.818…_ 10x = 3.818… **or** 100x = 38.1818…_ x = 0.3818… oe		2	M1	For **selecting** 2 correct recurring decimals that when subtracted give a whole number or terminating decimal (37.8 or 378 or 3780 etc) eg 10 000x = 3818.18... and 100x = 38.1818.... **or** 1000x = 381.818… and 10x = 3.81818… **or** 100x = 38.1818… and x = 0.381818… with intention to subtract. (if recurring dots not shown then showing at least **one** of the numbers to at least 5 sf) **or** $0.38+0.00\dot{1}\dot{8}$ **and** eg $100x=0.1818...$, $10\,000x=18.1818...$ with intention to subtract.
	eg 10 000x – 100x = 3818.18... – 38.1818...= 3780 (9900x = 3780) **and** $\frac{3780}{9900}=\frac{21}{55}$ **or** eg 1000x – 10x = 381.818... – 3.81818...= 378 (990x = 378) **and** $\frac{378}{990}=\frac{21}{55}$ **or** eg 100x – x = 38.1818... – 0.381818...= 37.8 (99x = 37.8) **and** $\frac{37.8}{99}=\frac{21}{55}$ **or** eg 10 000x – 100x = 18.1818... – 0.181818...= 18 **and** $0.38+\frac{18}{9900}=\frac{38\times99+18}{9900}=\frac{3780}{9900}=\frac{21}{55}$ oe	shown		A1	for completion to $\frac{21}{55}$ dep on M1 *(NB: this is a "use algebra to show that…" question, so we need to see algebra as well as seeing all the stages of working to award full marks)*
					Total 2 marks