$$\begin{aligned}
X &= 0.(1) \\
10X &= [0 \cdot 0.(1) = 1.(1) = 1 + 1 \times 1 \\
10X &= 1 + 1$$

Y = 0.(8) = 8X-0,8) 10x = 10.00 = 8.8 == 8 + 0.(8) = 8+ X 10x = 8 + X; 10x - X = 8; 10x - X = (10 - 1)X = 9X9x = 8 X=0.9) X = 0.(9) = 110x = 10.0.9 = 9.9 == 9+0.(9) = 9+X 10x = 9 + X; 10x - X = 9; 10x - X = (10-1)x = 9x9x = 9

X= 0= 1