12) $x = 3.\overline{7}$ $\quad 10x = 37.\overline{7}$

$$10x = 37.\overline{7}$$
$$-\ x = 3.\overline{7}$$
$$9x = 34$$
$$x = \frac{34}{9}$$

13) $100x = 219.\overline{19}$

$- \quad x = 2.\overline{19}$

$$\frac{99x}{99} = \frac{217}{99}$$

$$x = \frac{217}{99}$$

15) $x = 5.2\overline{76}$

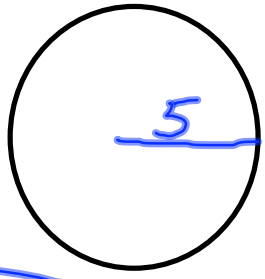
$10x = 52.\overline{76}$ $\quad 1000x = 5276.\overline{76}$

$$\begin{array}{r} 1000x = 5276.\overline{76} \\ -\quad 10x = \quad 52.\overline{76} \\ \hline \end{array}$$

$$\frac{990x}{990} = \frac{5224}{990}$$

$$x = \frac{5224}{990}$$

16) $A_o = \pi r^2$



$A_o = \pi 5^2$

$A_o = 25\pi \text{ units}^2$

22) $(x+4)(x-3)=0$

$x+4=0$ $\quad -4 \quad -4$

$x=-4$

$x-3=0$ $\quad +3 \quad +3$

$x=3$

28) $y = 3x + 3$

x	-2	-1	0	1	2
y	-3	0	3	6	9