

Please solve these problems in your spiral -

1. Name the type of angles

2. Find the value of x

13. $\overbrace{\hspace{10em}}^{\text{SUPPLEMENTARY} = 180^\circ}$

86° $2x^\circ = 94$ $\frac{2x = 94}{2} \quad \frac{2}{2}$
 $x = 47$

4 LESS THAN 90° 4 MORE THAN 90

14. $\overbrace{\hspace{10em}}^{\text{SUPPLEMENTARY} = 180^\circ}$

117° $3x^\circ$

$117 + 3x = 180$
 $-117 \quad -117$

$\frac{3x}{3} = \frac{63}{3}$
 $x = 21$

$$\begin{aligned} 86 + 2x &= 180 \\ -86 & \quad -86 \\ \hline 2x &= 94 \\ \frac{2x}{2} &= \frac{94}{2} \\ x &= 47 \end{aligned}$$