Answers for Wed $13105 / 2020$ Sipro p. 7 Term Two pg


$$
\begin{aligned}
x+2 x+120^{\circ} & =180^{\circ} \\
3 x+120^{\circ} & =180^{\circ} \\
3 x+120^{\circ}-120^{\circ} & =180^{\circ}-120^{\circ} \\
3 x+0 & =60^{\circ} \\
3 x & =60^{\circ} \\
\frac{B x}{\not x} & =\frac{60^{20}}{3} \\
x & =20^{\circ}
\end{aligned}
$$

b

$$
\begin{aligned}
\text { Angle } P & \\
& =2 x \\
& =2 \times 20^{\circ} \\
& =40^{\circ}
\end{aligned}
$$

$$
\begin{aligned}
& \text { First find the value } \\
& \text { of } k . \\
& 5 k+3 k+7 k
\end{aligned}=180^{\circ}, ~ \begin{aligned}
\frac{105 k}{15} & =\frac{180^{\circ}}{15} \\
k & =12^{\circ} \\
\angle A B C & =5 k \\
5 k & =5 \times 12^{\circ} \\
& =60^{\circ}
\end{aligned}
$$

$4$



