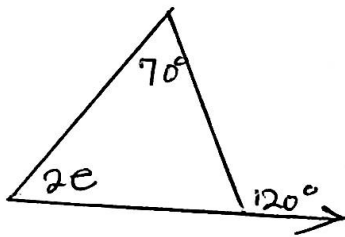


Answers for Mon. 18/5/2020

1

Using



$$70^\circ + 2e = 120^\circ$$

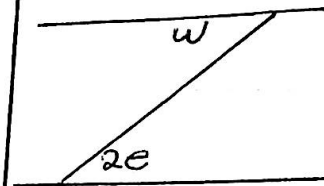
$$70^\circ - 70^\circ + 2e = 120^\circ - 70^\circ$$

$$2e = 50^\circ$$

$$\frac{2e}{2} = \frac{50}{2}$$

$$e = 25^\circ$$

Using



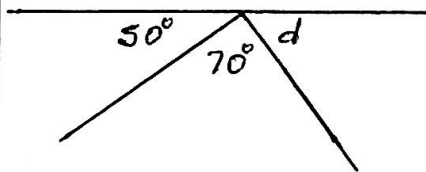
$$2e = w \text{ (alternate \(\angle\)'s)}$$

$$2e = 2 \times 25^\circ$$

$$= 50^\circ$$

$$\therefore w = 50^\circ$$

using



$$50^\circ + 70^\circ + d = 180^\circ \text{ (supp. \(\angle\)'s)}$$

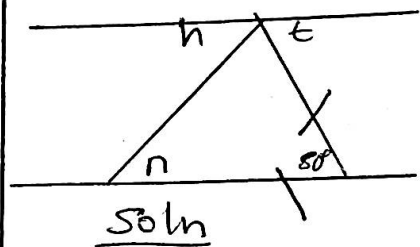
$$120^\circ + d = 180^\circ$$

$$120^\circ - 120^\circ + d = 180^\circ - 120^\circ$$

$$0 + d = 60^\circ$$

$$d = 60^\circ$$

2



using



$$n + n + 80^\circ = 180^\circ$$

$$2n + 80^\circ = 180^\circ$$

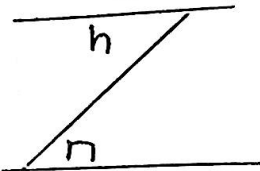
$$2n + 80^\circ - 80^\circ = 180^\circ - 80^\circ$$

$$2n = 100^\circ$$

$$\frac{2n}{2} = \frac{100^\circ}{2}$$

$$n = 50^\circ$$

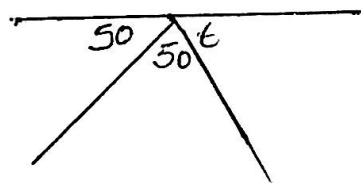
using



$$n = h \text{ (alternate angles)}$$

$$\therefore h = 50^\circ$$

Using



$$50^\circ + 50^\circ + t = 180^\circ \text{ (supplementary \(\angle\)'s)}$$

$$100^\circ + t = 180^\circ$$

$$100^\circ - 100^\circ + t = 180^\circ - 100^\circ$$

$$t = 80^\circ$$