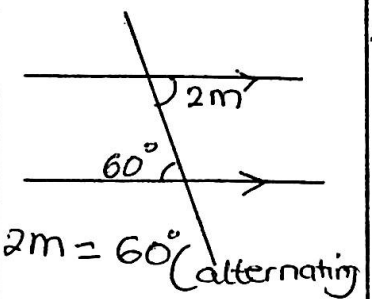
Answers for Mon. 11.05.2020 MK P7 MTC Pg 118

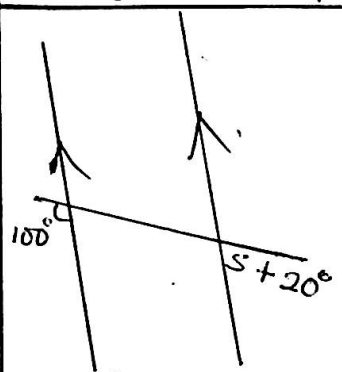


$2m = 60°$ (alternating ∠s)

$\frac{2m}{2} = \frac{60°}{2}$ 30

$m = 30°$

4



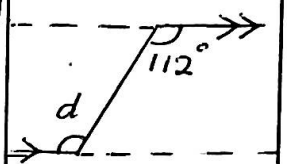
$S+20° = 100°$

$S+20°-20° = 100°-20°$

$S+0 = 80°$

$S = 80°$

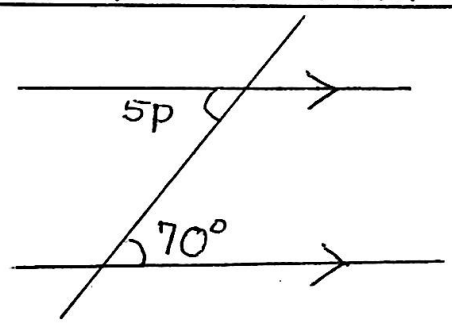
7



$d = 112°$

Sipro P.7 term two Pg 116-118

(a)

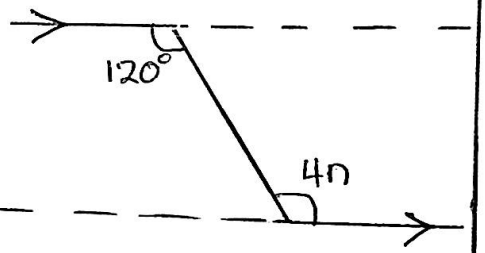


$5p = 70°$

$\frac{5p}{5} = \frac{70°}{5}$ 14

$p = 14°$

b

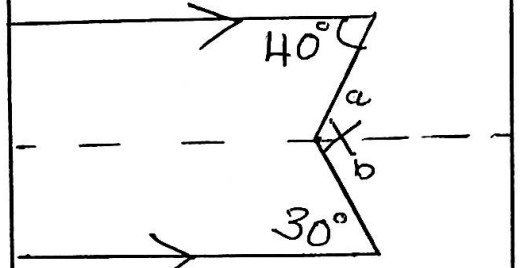


$4n = 120°$

$\frac{4n}{4} = \frac{120°}{4}$ 30

$n = 30°$

(c



$a = 40°$ (Alternate $\angle$s)

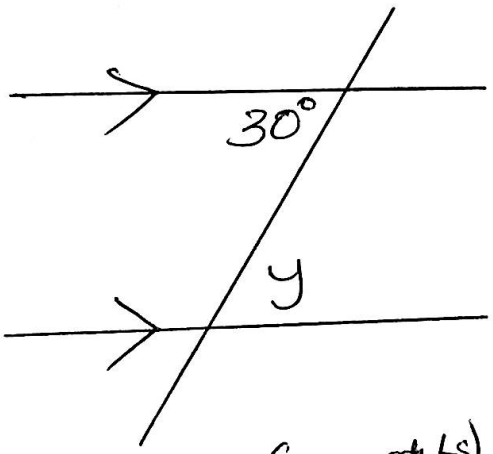
$b = 30°$ (Alternate $\angle$s)

$X = a + b$

$X = 30° + 40°$

$X = 70°$

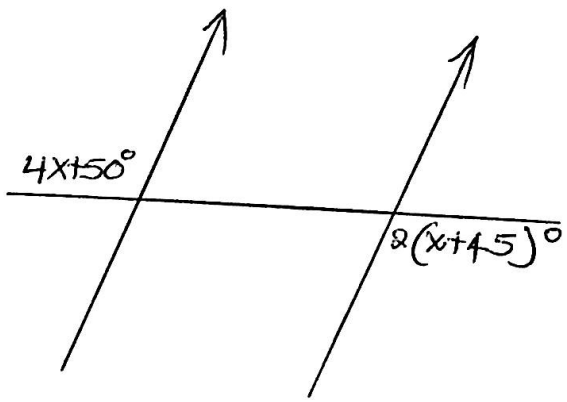
d



$30° = y$ (Alternate $\angle$s)

$\therefore y = 30°$

e



$2(X+45°) = 4X+50°$

$2 \times X + 2 \times 45° = 4X + 50°$

$2X + 90° = 4X + 50°$

$2X + 90° = 4X + 50°$

$2X - 2X + 90° = 4X - 2X + 50°$

$90° = 2X + 50°$

$90° - 50° = 2X + 50 - 50$

$\frac{40°}{2} = \frac{2X}{2}$

$20° = X$

$X = 20°$