

Exercise 4A

## Question 4:

- (i) Complement of  $58^{\circ} = 90^{\circ} 58^{\circ} = 32^{\circ}$
- (ii) Complement of  $16^{\circ} = 90 16^{\circ} = 74^{\circ}$
- (iii)  $\frac{2}{3}$  of a right angle =  $\frac{2}{3} \times 90^{\circ} = 60^{\circ}$ Complement of  $60^{\circ} = 90^{\circ} - 60^{\circ} = 30^{\circ}$

(iv) 
$$1^{\circ} = 60'$$

Complement of  $46^{\circ} 30' = 90^{\circ} - 46^{\circ} 30' = 43^{\circ} 30'$ 

$$(v) 90^\circ = 89^\circ 59' 60''$$

Complement of 52° 43′ 20″ = 90° - 52° 43′ 20″

.: Complement of (68° 35' 45")

$$= 90^{\circ} - (68^{\circ} 35' 45'')$$

$$= 89^{\circ} 59' 60'' - (68^{\circ} 35' 45'')$$

\*\*\*\*\*\*\*\* END \*\*\*\*\*\*\*