

° : DEGREES

' : MINUTES

(60 MIN = 1 DEG.)

" : SECONDS

(60 SEC = 1 MIN
3600 SEC = 1 DEG.)

4. $35^{\circ} 24' 14''$

$$35^{\circ} + 24' + 14''$$

$$35^{\circ} + \frac{24}{60}^{\circ} + \frac{14}{3600}^{\circ}$$

$$\textcircled{35.40^{\circ}}$$

5. 42.32°

$$42^{\circ} + 0.32^{\circ}$$

$$42^{\circ} + (0.32 \cdot 60)'$$

$$42^{\circ} + 19.2'$$

$$42^{\circ} + 19' + 0.2''$$

$$42^{\circ} + 19' + (60 \cdot 0.2)''$$

$$42^{\circ} + 19' + 12''$$

$$\textcircled{42^{\circ} 19' 12''}$$

6. $\frac{85^{\circ}}{1} \cdot \frac{\pi \text{ rad}}{180^{\circ}}$

$$\frac{85\pi}{180}$$

$$\textcircled{\frac{17\pi}{36}}$$

7. $\frac{-120^{\circ}}{1} \cdot \frac{\pi}{180^{\circ}}$

$$\frac{-120\pi}{180}$$

$$\frac{-12\pi}{18}$$

$$\textcircled{\frac{-2\pi}{3}}$$

8. $\frac{\pi \text{ rad}}{3} \cdot \frac{180^{\circ}}{\pi \text{ rad}}$

$$\frac{\cancel{\pi}}{3} \cdot \frac{180^{\circ}}{\cancel{\pi}}$$

$$\frac{180^{\circ}}{3}$$
$$\textcircled{60^{\circ}}$$

9. $\frac{51^{\circ}}{1} \cdot \frac{\pi}{180^{\circ}}$

$$\frac{51\pi}{180}$$

$$= \textcircled{0.89}$$

$$180^{\circ} = \pi$$