

$$\text{iii) } -5 \tan x = 4$$

$$\tan x = \frac{4}{-5}$$

$$x = \tan^{-1} \frac{4}{-5}$$

$$\underline{x = 38.66^\circ}$$

$$x = 180 + 38.66$$

$$\underline{x = 218.66^\circ}$$

$$\text{iv) } -3 \sin x = -2$$

$$\sin x = \frac{-2}{-3}$$

$$x \sin^{-1} \frac{2}{3}$$

$$x = 41.81$$

$$x = 180 + 41.81 \quad x = 360 - 41.81$$

$$x = 221.81$$

$$x = 318.19$$