$$\vec{n}_{1} = \langle 3, -2, -5 \rangle \perp \vec{n}_{1}$$

Let 0 be an angle (0602T) between ni and nz.

$$\cos \phi = \frac{\vec{n}_1 \cdot \vec{n}_2}{||\vec{n}_1|| ||\vec{n}_2||} = \frac{-3 + 2 - 10}{\sqrt{9 + 4 + 25} \sqrt{1 + 1 + 4}} = \frac{-11}{\sqrt{38\sqrt{6}}}$$

Since cos O < O, O is obtuse.

So 
$$\pi - \Theta = \pi - \arccos\left(\frac{-11}{\sqrt{38}\sqrt{6}}\right)$$
 is the

acute angle between the normal vectors and thus between the planes.