**Exercise** 1 Consider the vector  $\overrightarrow{\mathbf{v}}=\langle 3,-4,1\rangle$  Compute  $|\overrightarrow{\mathbf{v}}|$ .  $|\overrightarrow{\mathbf{v}}|=\boxed{\sqrt{26}}$ 

$$|\overrightarrow{\mathbf{v}}| = \boxed{\sqrt{26}}$$