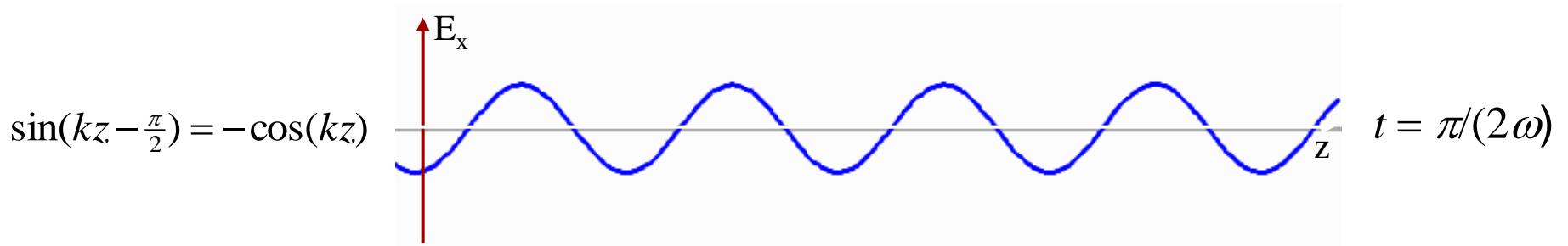
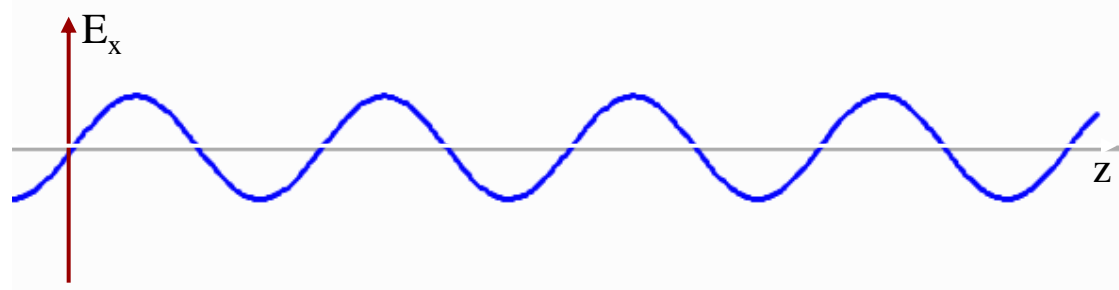


Understanding the speed and direction of the wave

$$E_x = E_0 \sin(kz - \omega t)$$



What has happened to the wave form in this time interval?

It has **MOVED TO THE RIGHT** by $1/4 \lambda$