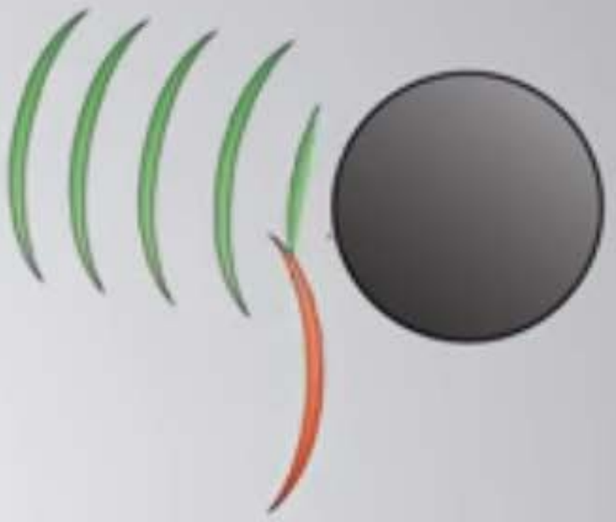

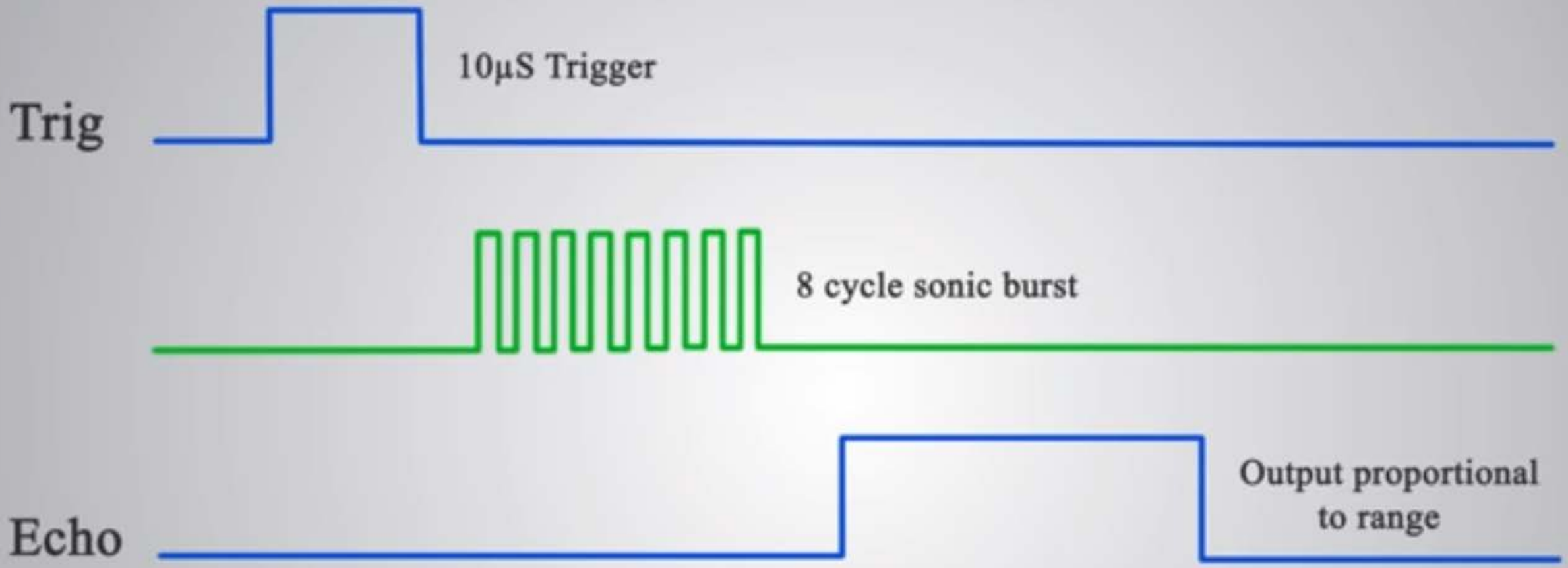

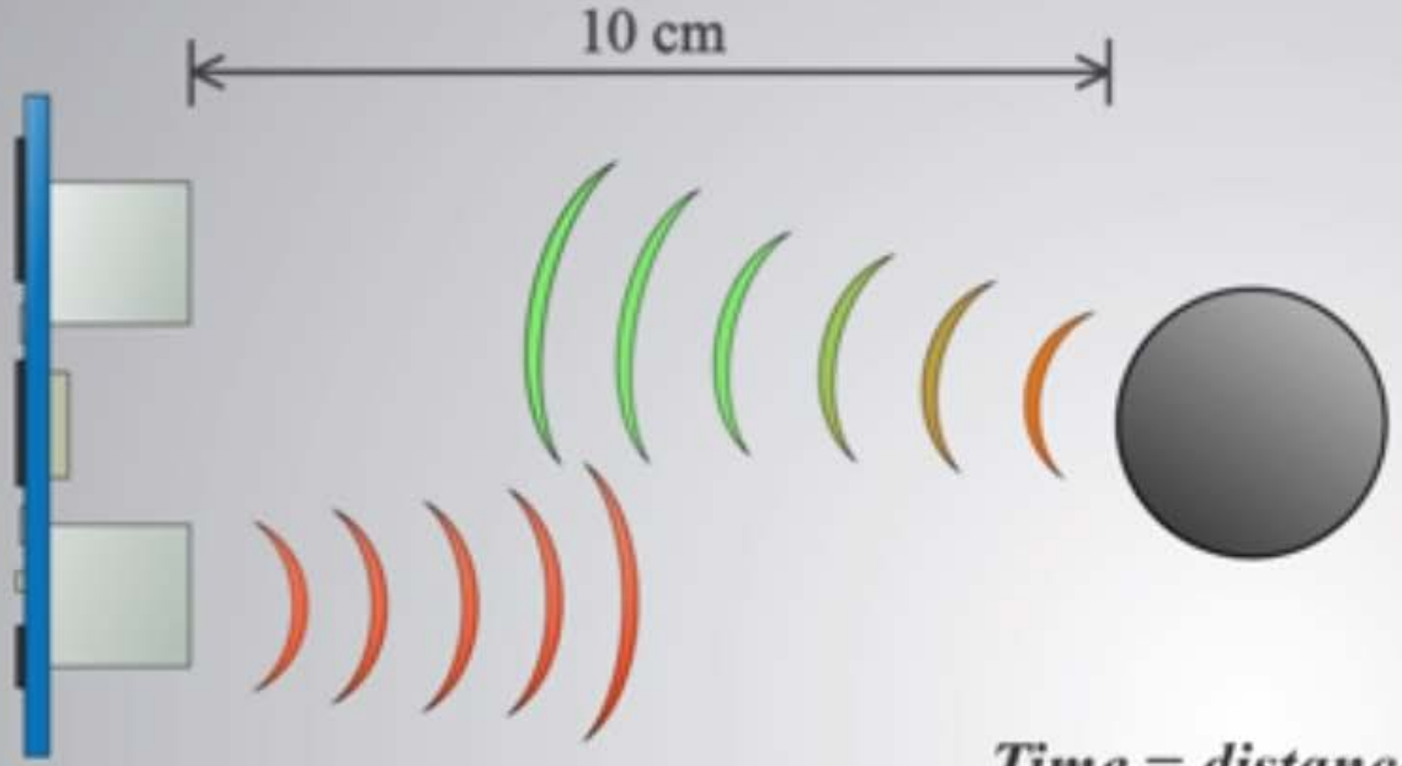

Speed of sound:

$$v=340\ m/s$$

$$v=0{,}034\ cm/\mu s$$

Time = distance / speed:

$$t = s / v = 10 / 0{,}034 = 294\ \mu s$$

Distance in cm:

$$s = t \cdot 0{,}034 / 2$$