

**26** M and N are two electromagnetic waves.

The ratio

$$\frac{\text{wavelength of M}}{\text{wavelength of N}} = 10^5.$$

What could M and N be?

	M	N
<b>A</b>	microwaves	visible light
<b>B</b>	microwaves	$\gamma$ -rays
<b>C</b>	$\gamma$ -rays	microwaves
<b>D</b>	visible light	microwaves

**27** A progressive wave is incident normally on a flat reflector. The reflected wave overlaps with the