

**19** A water droplet is falling towards a horizontal plane mirror.

At one moment, the droplet is a distance of 1.5 m above the mirror and falling at a speed of 2.0 m/s.

What is the distance between the droplet and its image and what is the speed of the image at this moment?

	distance between water droplet and its image / m	<u>speed of image</u> m/s
<b>A</b>	1.5	2.0
<b>B</b>	1.5	4.0
<b>C</b>	3.0	2.0
<b>D</b>	3.0	4.0