

**QUESTION 1** | **ANSWER C** | **FE OPEN FE 08.04**  
 An object is moving toward a mirror at a constant speed. The image of the object in the mirror is moving toward the object at a constant speed. The speed of the image is:



- (A)  $\frac{1}{2}$  the speed of the object
- (B) the same as the speed of the object
- (C)  $2$  times the speed of the object
- (D)  $4$  times the speed of the object

