

9	<p>C is the correct answer as speed = distance/time and t is the time taken for the ultrasound to travel a distance of $2d$</p> <p>A is not the correct answer as this does not take into account the fact that the time t for the ultrasound travel a distance of $2d$.</p> <p>B is not the correct answer as the time taken for the ultrasound to return to the boat is unrelated to the frequency of the ultrasound used.</p> <p>D is not the correct answer as the time taken for the ultrasound to return to the boat is unrelated to the frequency of the ultrasound used.</p>	(1)
10	<p>A is not the correct answer as this does not take into account the fact that the time t for the ultrasound travel a distance of $2d$.</p> <p>B is not the correct answer as the time taken for the ultrasound to return to the boat is unrelated to the frequency of the ultrasound used.</p> <p>D is not the correct answer as the time taken for the ultrasound to return to the boat is unrelated to the frequency of the ultrasound used.</p>	(1)