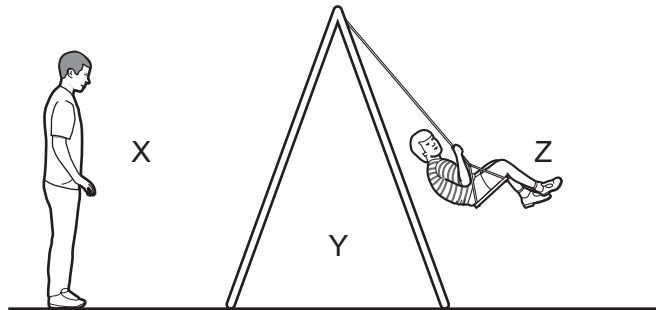


**21** A man stands stationary in front of a swing. A child sits and swings.



The child blows a whistle that emits a sound at a constant frequency.

The man observes the frequency of the sound when the swing is at positions X, Y and Z.

When will the man hear the highest frequency?

- A** when the swing is at X
- B** when the swing is at Y and moving away from the man
- C** when the swing is at Y and moving towards the man
- D** when the swing is at Z