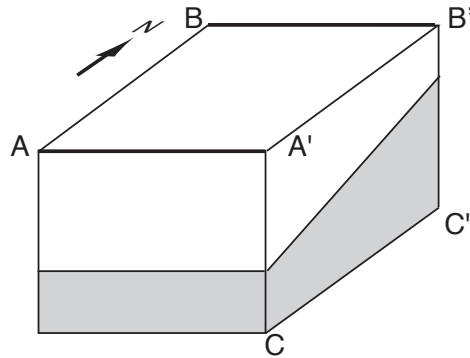


NAME _____

The block diagram on the right shows a dipping layer. Draw the forward and reverse travel-time curves for seismic refraction profiles across A-A', B-B', and C-C'

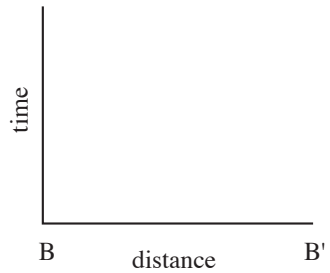
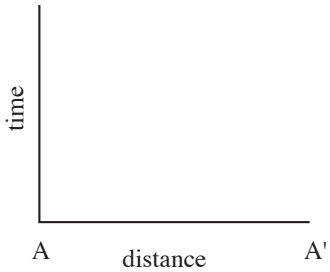


Questions:

(1) Compare/contrast the travel-time curves for these three profiles.

(2) If you only had enough money to collect data from one seismic refraction profile, which profile would you chose and why?

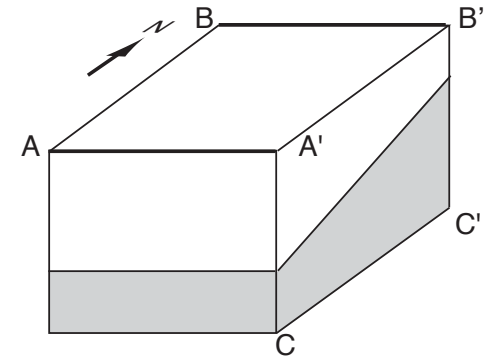
(3) Describe the orientation of your chosen profile relative to that of the overall geometry of the geologic structure?



Rate your confidence in your answers: not at all 1 2 3 4 5 very sure

NAME _____

The block diagram on the right shows a dipping layer. Draw the forward and reverse travel-time curves for seismic refraction profiles across A-A', B-B', and C-C'

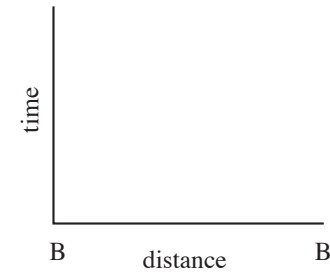
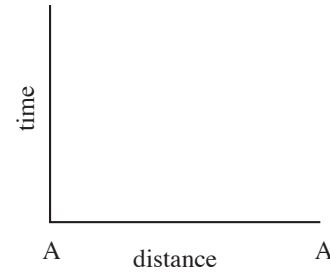


Questions:

(1) Compare/contrast the travel-time curves for these three profiles.

(2) If you only had enough money to collect data from one seismic refraction profile, which profile would you chose and why?

(3) Describe the orientation of your chosen profile relative to that of the overall geometry of the geologic structure?



Rate your confidence in your answers: not at all 1 2 3 4 5 very sure