



How Long for the Egyptians to Catch the Israelites?



Suppose the Children of Israel have a 12 hour head start on the Egyptian army. The Israelites are able to travel at 3 mph. The distance from the delta of Egypt where they started to where they will cross the Red sea is 75 miles. How fast must the Egyptians travel to get to the crossing site just as the Israelites finish crossing? Assume that it takes them 1 hour to finish the crossing and the place where they cross is 1 mile wide. Thus we want to know how fast the Egyptians must travel to be one mile behind the Children of Israel when they (the Egyptians) reach the site where the crossing started.

