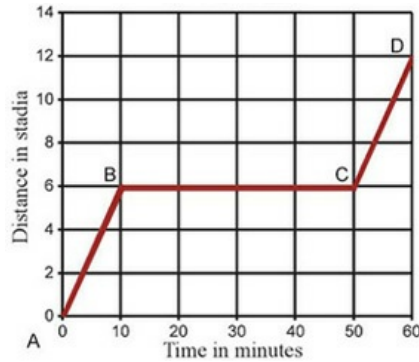# Hare's progress

This task is about interpreting a distance-time graph.

The Hare's progress in a race

In one of Aesop's fables, a hare challenges a tortoise to a race. Suppose the race was 12 stadia in length.
[NOTE: Stadia are old Greek measures of length.] The graph above shows the progress of the hare.

a) Complete this sentence:
   "Between A and B the hare travels 6 stadia in 10 minutes. This is equivalent to a rate of _____ stadia per hour."

b) What do you think the hare is doing between B and C?

   _____

c) How much time passes between B and C? _____ minutes

d) Describe what the hare is doing between C and D.

   _____

e) The tortoise starts from A at exactly the same time as the hare, but travels at a steady rate of only 2 stadia in 10 minutes. After 30 minutes he arrives at point E.
   Mark and label the point E on your graph.

f) The tortoise continues on steadily at this rate without stopping.
   What is the result of the race? [Complete your graph to show the tortoise's progress].

   _____

   _____

   _____