

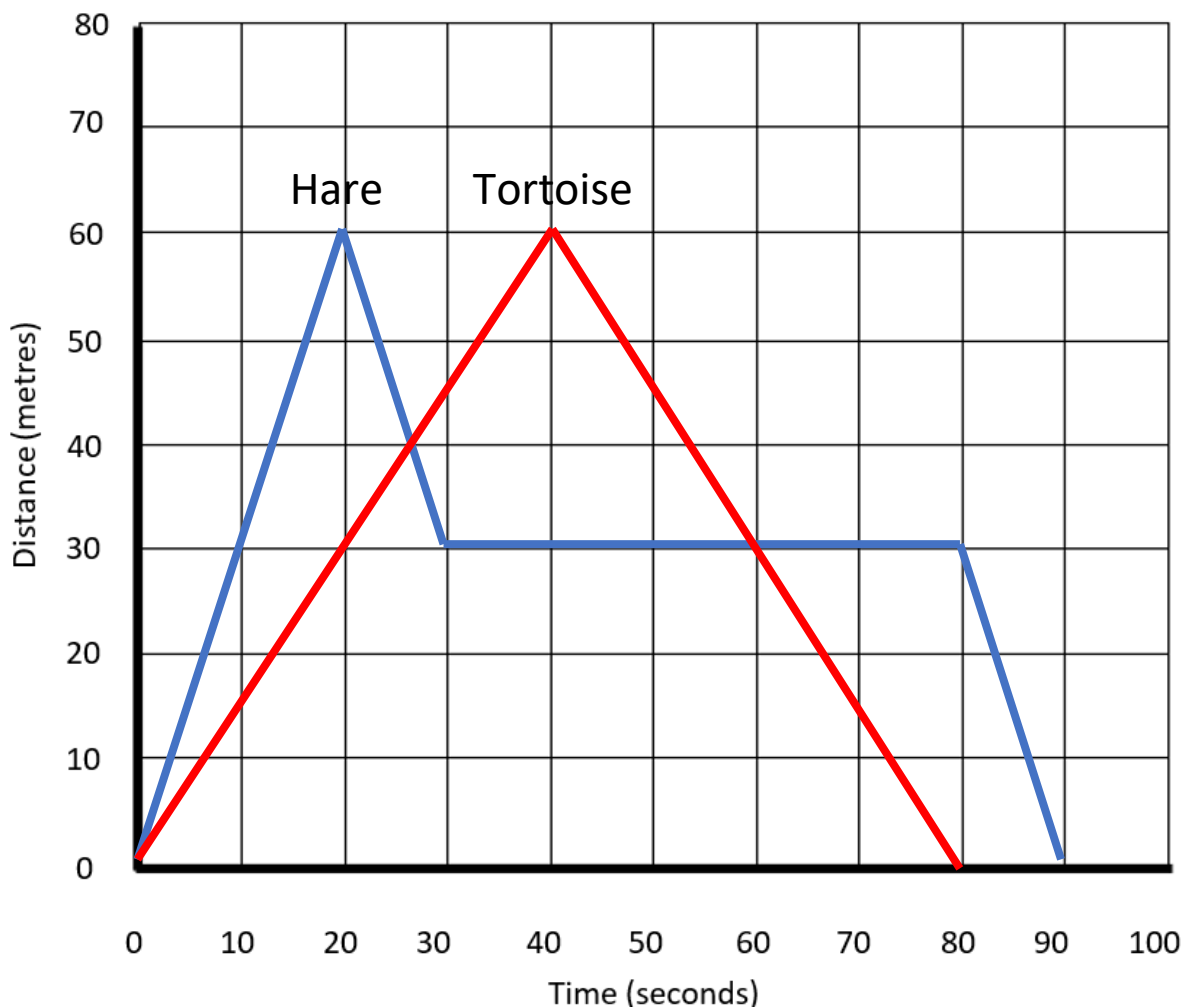
The tortoise and the hare

Hare challenged Tortoise to a race to a tree and back. Hare was so sure he would win that he decided to have short sleep during the race. That was not a good decision!

Owl, who was watching them argue before the race, had suggested he could use a video analysis app on his smartphone to make a Distance Time graph of them both to analyse later.

This was the graph that Owl made.

Hare vs Tortoise – Distance Time Graph



Use Owl's distance time graph to answer the following questions



NAME: _____

How far away was the tree? _____ m

How long did it take hare to reach the tree? _____ s

How long did it take Tortoise to reach the tree? _____ s

What was Hare's average speed to the tree? _____ m/s

What was Tortoise's average speed? _____ m/s

How long did Hare sleep? _____ s

How long could Hare sleep for it to be a draw? _____ s

Can you think of some more questions to ask using Owl's graph?
