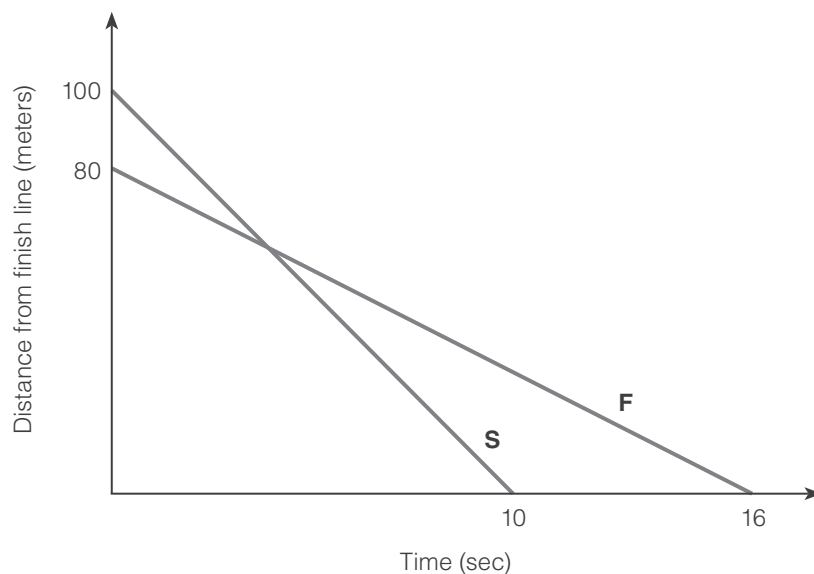


## A Race Between a Father and Son

The figure below illustrates a distance-time graph for a father (F) and son (S) during a 100-meter race. Use the information provided to:

1. Write an equation to represent each line
2. Determine who is running faster
3. Identify the distance from the finish line where the father and son meet




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