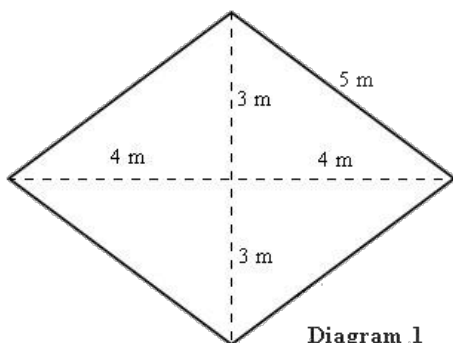


Extending the deck

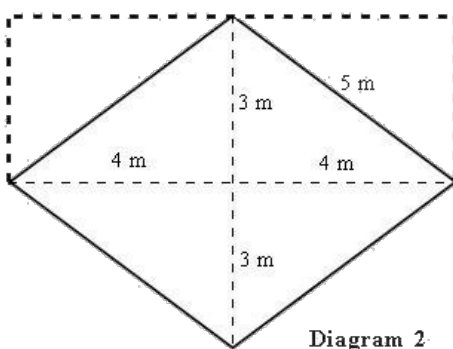
This task is about working out area.

The Jacobs have a diamond-shaped deck. Its measurements are shown in Diagram 1.



a) What is the total **area** of the deck? m²

They decide to extend the deck on one side. This is shown by the thick dotted lines (.....) in Diagram 2.



b) What is the total **area** of the deck now? m²