

4. What is the negation of each of these propositions?

a) Jennifer and Teja are friends.

b) There are 13 items in a baker's dozen.

c) Abby sent more than 100 text messages every day.

d) 121 is a perfect square.

Answer:

a) Jennifer and Teja are not friends.

b) It is not the case that there are 13 items in a baker's dozen.

c) Abby did not sent more than 100 text messages every day.

d) 121 is not a perfect square.