

QUESTION

1. A rectangular plate is subjected to a uniform load of 100 lb/ft^2 . The plate is supported by a pin support at the bottom left corner and a roller support at the bottom right corner. The plate is 10 ft long and 5 ft high. Determine the reaction forces at the supports.



2. A rectangular plate is subjected to a uniform load of 100 lb/ft^2 . The plate is supported by a pin support at the bottom left corner and a roller support at the bottom right corner. The plate is 10 ft long and 5 ft high. Determine the reaction forces at the supports.

3. A rectangular plate is subjected to a uniform load of 100 lb/ft^2 . The plate is supported by a pin support at the bottom left corner and a roller support at the bottom right corner. The plate is 10 ft long and 5 ft high. Determine the reaction forces at the supports.



4. A rectangular plate is subjected to a uniform load of 100 lb/ft^2 . The plate is supported by a pin support at the bottom left corner and a roller support at the bottom right corner. The plate is 10 ft long and 5 ft high. Determine the reaction forces at the supports.