How Far down the Aisle

Solve the problems in Questions 1–4. Figure out how far down the aisle Professor Peabody can roll out the red carpet and if he has enough carpet to cover the given area. Show or tell how you solved the problem.

1.

5 feet

Area =
442 sq. ft.

2.

8 feet

Area =
708 sq. ft.

3.

4 feet

Area =
1450 sq. ft.

4.

7 feet

Area =
3022 sq. ft.