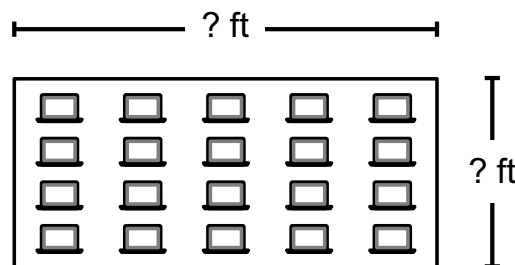


A school's computer lab is in a rectangular room inside the library. The room's longer sides are 20 feet in length. They are 11 feet longer than the room's shorter sides.



a. Which expressions represent the room's perimeter, in feet?

☐ $(2 \times 20) + (2 \times 9)$

☐ $(2 \times 20) + (2 \times 31)$

☐ $(2 \times 20) + (2 \times 11)$

☐ $2 \times (20 + 9)$

b. Calculate the perimeter of the room, in meters.

c. Which expression represents the room's area, in square feet?

☐ 9×20

☐ 20×31

☐ 11×20

☐ $2 \times (20 \times 9)$

d. Calculate the area of the room, in square feet.