

Name: _____ Date: _____ Score: _____

Area and Perimeter - rectangles

The table in the conference room is fifty five square feet in area.
The table is eleven feet long. How wide is it?

The perimeter around the rug is three hundred inches. The rug is
one hundred inches wide. How long is it?

Table is six feet long and two feet wide. What is the perimeter of
the table?

The desk is four feet wide and three feet long. What is the area of
the desk?

The tile is eight inches by eight inches. What is the perimeter of
the tile?

Answers

The table in the conference room is fifty five square feet in area. The table is eleven feet long. How wide is it?	$\underline{\quad} \times 11 = 55$ square feet $5 \times 11 = 55$ square feet answer: 5 feet wide
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The perimeter around the rug is three hundred inches. The rug is one hundred inches wide. How long is it?	$(100 \times 2) + (\underline{\quad} \times 2) = 300$ $200 + (\underline{\quad} \times 2) = 300$ $\underline{\quad} \times 2 = 300 - 200$ the ring is 50 inches wide
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Table is six feet long and two feet wide. What is the perimeter of the table?	perimeter = $(2 \times 6) + (2 \times 2)$ perimeter = $12 + 4$ perimeter = 16 feet
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The desk is four feet wide and three feet long. What is the area of the desk?	area = 4×3 area = 12 square feet
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The tile is eight inches by eight inches. What is the perimeter of the tile?	perimeter = $(2 \times 8) + (2 \times 8)$ perimeter = $16 + 16$ perimeter = 32 inches
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