

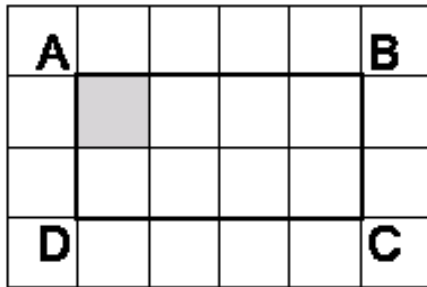
Name: _____

1999, Mathematics - Grade 10

Question 10: Multiple Choice

Geometry

Use the figure below to answer question 10.



If the area of the shaded square is 5 cm^2 , what is the **perimeter** of figure ABCD?

- A. $8\sqrt{5}$ cm
- B. 40 cm
- C. $12\sqrt{5}$ cm
- D. 60 cm

Name: _____

2002, Mathematics - Grade 10

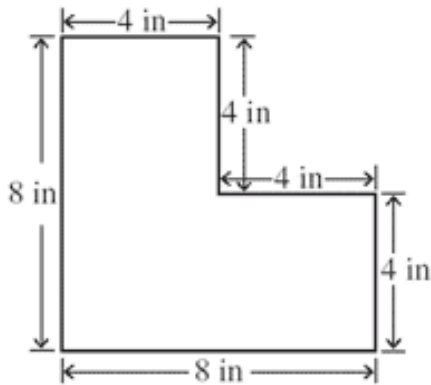
Question 16: Short Answer

Measurement



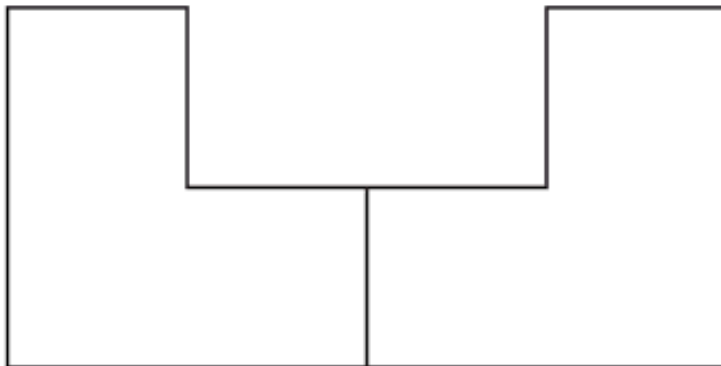
Geoffrey is building a patio. The floor of his patio will be made of bricks. The diagram below shows the shape of each brick.

One Brick



Geoffrey can combine two bricks side-by-side to make different shapes. An example of one combination of two bricks is shown below.

Two Bricks



What combination of two bricks would have the **smallest** base perimeter?
Draw this combination in your Student Answer Booklet.

Name: _____

2002, Mathematics - Grade 10

Question 22: Multiple Choice

Measurement

The rectangle shown below has a width of 2.5 feet and a perimeter of 13 feet.



What is the area of the rectangle?

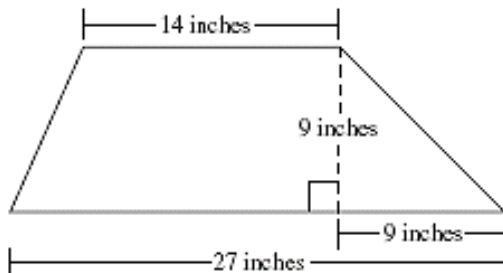
- A. 4 square feet
- B. 8 square feet
- C. 10 square feet
- D. 10.5 square feet

2003, Mathematics - Grade 10

Question 34: Multiple Choice

Measurement

The trapezoid pictured below has the measurements shown.



Which measure is closest to the perimeter of the trapezoid?

- A. 41 inches
- B. 59 inches
- C. 64 inches
- D. 66 inches

Name: _____

2003, Mathematics - Grade 10

Question 36: Multiple Choice

Patterns, Relations, and Algebra



The perimeter of a child's rectangular play yard is 64 yards. The length and width of the yard are consecutive odd integers. If the length (x) is the longer of the two dimensions, what is the width of the play yard?

- A. 15 yards
- B. 17 yards
- C. 31 yards
- D. 33 yards