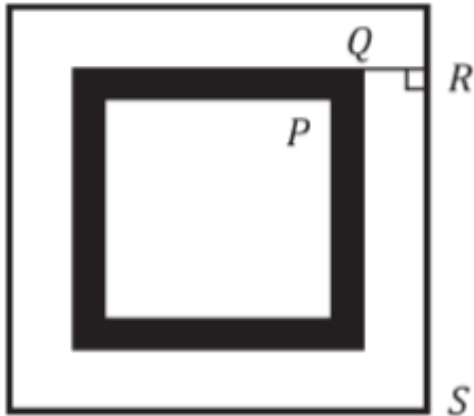


GMAT Geometry Practice Test 2

GMAT Practice question 1



squares are placed one inside another, leaving a strip of uniform width around each square. If

$PQ = 2\sqrt{2}$ units, $QR = 2$ units and $RS = 10$ units, what is the area of the shaded region?

(A) 16

(B) 28

(C) 32

(D) 48

(E) 64

GMAT Practice question 2

How many diagonals does a 63-sided convex polygon have?

- A. 3780
- B. 1890
- C. 3843
- D. 3906
- E. 1953

GMAT Practice question 3

If 10, 12, and 'x' are sides of an acute angled triangle, how many integer values of 'x' are possible?

- A. 7
- B. 12
- C. 9
- D. 13
- E. 11

GMAT Practice question 4

A , B , and C are distinct points.

True or false: $\overrightarrow{AB}$ and $\overrightarrow{AC}$ are opposite rays.

Statement 1: B is on $\overleftrightarrow{AC}$

Statement 2: C is on $\overleftrightarrow{AB}$

Possible Answers:

EITHER statement ALONE is sufficient to answer the question.

Statement 1 ALONE is sufficient to answer the question, but Statement 2 ALONE is NOT sufficient to answer the question.

Statement 2 ALONE is sufficient to answer the question, but Statement 1 ALONE is NOT sufficient to answer the question.

BOTH statements TOGETHER are sufficient to answer the question, but NEITHER statement ALONE is sufficient to answer the question.

BOTH statements TOGETHER are insufficient to answer the question.

GMAT Practice question 5

A , B , and C are distinct points.

True or false: $\overrightarrow{AB}$ and $\overrightarrow{AC}$ are opposite rays.

Statement 1: $AC = 2 \cdot AB$.

Statement 2: B is the midpoint of $\overline{AC}$.

Possible Answers:

EITHER statement ALONE is sufficient to answer the question.

BOTH statements TOGETHER are insufficient to answer the question.

BOTH statements TOGETHER are sufficient to answer the question, but NEITHER statement ALONE is sufficient to answer the question.

Statement 1 ALONE is sufficient to answer the question, but Statement 2 ALONE is NOT sufficient to answer the question.

Statement 2 ALONE is sufficient to answer the question, but Statement 1 ALONE is NOT sufficient to answer the question.