

GMAT Geometry Practice Test 3

GMAT Practice question 1

What is the measure of the radius of the circle that circumscribes a triangle whose sides measure 9, 40 and 41?

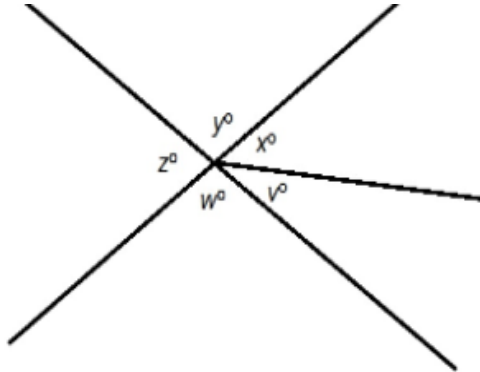
- A. 6
- B. 4
- C. 24.5
- D. 20.5
- E. 12.5

GMAT Practice question 2

If the sum of the interior angles of a regular polygon measures 1440° , how many sides does the polygon have?

- A. 10 sides
- B. 8 sides
- C. 12 sides
- D. 9 sides
- E. None of these

GMAT Practice question 3



Note: Figure NOT drawn to scale.

Refer to the above diagram. Evaluate w .

Statement 1: $x = 2v$

Statement 2: $y = 2x$

Possible Answers:

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

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.

EITHER statement ALONE is sufficient to answer the question.

GMAT Practice question 4

Find the midpoint of the points $(2, 9)$ and $(4, 3)$.

Possible Answers:

$(3, 6)$

$(2, 5)$

$(2.5, 5.5)$

$(6, 12)$

$(-3, 6)$

GMAT Practice question 5

What is the radius of the incircle of the triangle whose sides measure 5, 12 and 13 units?

- A. 2 units
- B. 12 units
- C. 6.5 units
- D. 6 units
- E. 7.5 units

GMAT Practice question 6

The quadrilateral with vertices $(0, 0)$, $(22, 0)$, $(16, 4)$, $(4, 4)$ is a trapezoid. What are the endpoints of its midsegment?

Possible Answers:

$(0, 2)$, $(23, 2)$

$(11, 0)$, $(10, 4)$

$(2, 2)$, $(19, 2)$

$(0, 0)$, $(16, 4)$

$(22, 0)$, $(4, 4)$