

# **GMAT-QUANTITIVE**<sup>Q&As</sup>

## **GMAT-Quantitive Practice Test**

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#### **QUESTION 1**

What is the value of (X + Y)?

(1)

```
3X + 8 = 14 - 3Y.
```

(2)

(X + Y)2 = 4.

Α.

Statement (1) BY ITSELF is sufficient to answer the question, but statement (2) by itself is not.

Β.

Statement (2) BY ITSELF is sufficient to answer the question, but statement (1) by itself is not.

C.

Statements (1) and (2) TAKEN TOGETHER are sufficient to answer the question, even though NEITHER statement BY ITSELF is sufficient.

D.

Either statement BY ITSELF is sufficient to answer the question.

Ε.

Statements (1) and (2) TAKEN TOGETHER are NOT sufficient to answer the question, requiring more data pertaining to the problem.

Correct Answer: A

From statement (1) we can find that 3X + 3Y = 6 (X + Y) = 2. (1) is sufficient. Statement (2) is insufficient, (X + Y) can be 2 or -2.

#### **QUESTION 2**

Is X negative?

(1)

X + 12

(2)

12X > 14X.

Α.



Statement (1) BY ITSELF is sufficient to answer the question, but statement (2) by itself is not.

В.

Statement (2) BY ITSELF is sufficient to answer the question, but statement (1) by itself is not.

C.

Statements (1) and (2) TAKEN TOGETHER are sufficient to answer the question, even though NEITHER statement BY ITSELF is sufficient.

D.

Either statement BY ITSELF is sufficient to answer the question.

Ε.

Statements (1) and (2) TAKEN TOGETHER are NOT sufficient to answer the question, requiring more data pertaining to the problem.

Correct Answer: D

Statement (1) is sufficient. Subtract 12 from both sides to get X

#### **QUESTION 3**

A wolf eats 5.5 Kg of meat in 2 days. A baby tiger eats 3 Kg of meat in 4 days. How much meat can the two combined eat in three days?

A. 10.

B. 8.

C. 9.

D. 7.

E. 6.

Correct Answer: C

A wolf eats 2.25 Kg a day; a baby tiger eats 0.75 Kg a day. Together they eat 3 Kg of meat every day, in three days they will eat 9 Kg of meat.

#### **QUESTION 4**

On a map, 1.5 inches represent 24 miles. How many miles approximately is the distance if you measured 47 centimeters assuming that 1-inch is 2.54 centimeters?

A. 174.2

B. 212



C. 288.1

D. 296

E. 282.4

Correct Answer: D

Dividing the number of centimeters in 2.54 gives you the number of inches: 47/2.54 = 18.5 inches. 1.5 inches represent 24 miles, 1 inch represents 16 miles.

(18.5 inches) x (16 miles) = 296 miles.

#### **QUESTION 5**

If the volume of a cube is x3 cubic units, what is the number of square units in the surface area of the cube?

A. x2

B. x3

C. x6

- D. 6x2
- E. 6x3

Correct Answer: D

If the volume of the cube is x3, then one edge of the cube is x. The surface area of a cube is six times the

area of one face, which is x times x. The total surface area is 6x2.

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