# GMAT-QUANTITIVE ${ }^{\text {Q\&As }}$ 

GMAT-Quantitive Practice Test

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## QUESTION 1

What is the ratio between $W$ and $Q$ ?
(1)
$Q+W=23$.
(2)
$W$ is $25 \%$ of $Q$.
A.

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

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.
E.

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

Correct Answer: B
We are looking for Q/W. From statement (1) we know the sum of the two variables, which is not helpful in our case. From statement (2) we know that $\mathrm{W}=(0.25) \mathrm{Q}$, therefore we know the ratio between the two variables.

## QUESTION 2

Is 0
$-1 / Y$ is positive.
$\mathrm{Y}>\mathrm{Y} 2$.
A.

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

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.
E.

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

## Correct Answer: B

From statement (1) Y can be 2 or ?and therefore this statement is insufficient. Statement (2) tells us that $\mathrm{Y}>\mathrm{Y} 2$. that is true only if Y is between zero and one. So, Statement (2) is sufficient.

## QUESTION 3

What is the value of $(A+3 B / 7)$ ?
(1)
$5600 \mathrm{~A}+2400 \mathrm{~B}=12,000$.
(2)
$50 B-50+250 \mathrm{~A}=9700$ ? $4200 \mathrm{~A}-1900 \mathrm{~B}$.
A.

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

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.
E.

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

## Correct Answer: D

Simplify the (1) statement by dividing both sides by 5600 : $A+3 B / 7=15 / 7$. This statement is sufficient. Simplify the (2) statement by adding similar items to get: $4550 A+1950 B=9750$. Divide both sides by 4550 to get: $A+3 B / 7=15 / 7$ this statement is also sufficient.

## QUESTION 4

One gallon of soft drink is made of $40 \%$ orange juice and $60 \%$ water, how many additional gallons of orange juice must be mixed in to make the orange juice $60 \%$ of the soft drink?
A. 0.5
B. 1
C. 1.25
D. 1.5
E. 2

Correct Answer: A
Use the average formula to solve the following equation:

$$
\frac{1 \times 40 \%+X \times 100 \%}{1+X}=60 \%
$$

. $\mathrm{X}=0.5$ gallon.

## QUESTION 5

$X, Y, Z$, and $W$ are integers. The expression $X-Y-Z$ is even and the Expression $Y-Z-W$ is odd. If $X$ is even what must be true?
A. Y-Z must be odd.
B. W must be even.
C. W must be odd.
D. W must be even.
E. Z must be odd

## Correct Answer: C

The first expression is even and the second is odd, the only difference between the expressions is that the first expression has X and the second has W . So, if X is even W must be odd and the correct answer is C .

