

Logic

1. In the following equation, each of the letters represents uniquely a different digit in base ten:

$$(YE) \cdot (ME) = TTT$$

The sum $E + M + T + Y$ equals

- (A) 19 (B) 20 (C) 21 (D) 22 (E) 24
2. Which of the following is equivalent to «If P is true then Q is false.»?
- (A) «P is true or Q is false.»
(B) «If Q is false then P is true.»
(C) «If P is false then Q is true.»
(D) «If Q is true then P is false.»
(E) «If Q is true then P is true.»

Bibliography

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