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2014 Q1

1. Harry and Terry are each told to calculate $8 - (2 + 5)$. Harry gets the correct answer. Terry ignores the parentheses and calculates $8 - 2 + 5$. If Harry's answer is H and Terry's answer is T , what is $H - T$?
- (A) -10 (B) -6 (C) 0 (D) 6 (E) 10

1. **Answer (A):** Harry's answer is $H = 8 - (2 + 5) = 8 - 7 = 1$. Terry's answer is $T = 8 - 2 + 5 = 6 + 5 = 11$. The difference $H - T$ is $1 - 11 = -10$.

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2010 Q1

1. At Euclid Middle School the mathematics teachers are Miss Germain, Mr. Newton, and Mrs. Young. There are 11 students in Miss Germain's class, 8 students in Mr. Newton's class, and 9 students in Mrs. Young's class taking the AMC 8 Contest this year. How many mathematics students at Euclid Middle School are taking the contest?
- (A) 26 (B) 27 (C) 28 (D) 29 (E) 30

1. **Answer (C):** The total number of students taking the test is $11 + 8 + 9 = 28$.

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2006 Q2

2. On the AMC 8 contest Billy answers 13 questions correctly, answers 7 questions incorrectly and doesn't answer the last 5. What is his score?

- (A) 1 (B) 6 (C) 13 (D) 19 (E) 26

2. (C) On the AMC 8 a student's score is the number of problems answered correctly. So Billy's score is 13. Because there is no penalty for guessing, if he wants to increase his score, he probably should fill in the last five answers.

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1986 Q3

3. The smallest sum one could get by adding three different numbers from the set $\{ 7, 25, -1, 12, -3 \}$ is

- A) -3 B) -1 C) 3 D) 5 E) 21

3. (C) The three smallest numbers in the set are -3, -1, 7.

Their sum is $-3 + -1 + 7 = 3$.