

Math leads to great careers!

What is the value of $a + b$?
 (A) -2 (B) 1 (C) 3 (D) 5

Arthur Cayley was a British mathematician whose theorems influenced statistical and optimization models that are used in finance today.

18. Six consecutive integers are listed in increasing order. The sum of the first four integers is 104. What is the sum of the last two integers?
 (A) 10 (B) 11 (C) 12 (D) 13 (E) 14

When one integer is subtracted from another integer, the result is 2700. What is the sum of the two integers?
 (A) 2700 (B) 2701 (C) 2702 (D) 2703 (E) 2704

19. The five missing numbers are 19, 21, 23, 25, and 27. Each number is represented by q .
 (A) 19 (B) 21 (C) 23 (D) 25 (E) 27

20. Which correct answer is worth 8.
 (A) 1 (B) 2 (C) 3 (D) 4 (E) 5

21. If x and y are positive integers with $x > y$ and $x + xy = 391$, what is the value of x ?
 (A) 19 (B) 20 (C) 21 (D) 22 (E) 23

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 « meet Geeta

Interested?
Ask your teacher about the Cayley Contest.