H↑GHER STANDARDS TUTORIAL, INC.

The SAT, ACT, PSAT & College Essay Specialists

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SAT/ACT/PSAT Workshop Questions

QUESTION #1: In the left blanks, rank the Liberal Arts Colleges below from #1 (Highest) to #4 (Lowest)

____ **SCHOOL A**: SAT required, 25th-75th percentile = 1370-1510 *or* 31-33 School: _____ Rank: ____

____ **SCHOOL B**: SAT required, 25th-75th percentile = 1150-1370 *or* 26-32 School: _____ Rank: ____

____ **SCHOOL C**: SAT accepted but not required School: _____ Rank: ____

____ **SCHOOL D**: SAT required, 25th-75th percentile = 1110-1370 *or* 23-30 School: _____ Rank: ____

QUESTION #2:

If $x > 3$, which of the following is equivalent to $\dfrac{1}{\frac{1}{x+2} + \frac{1}{x+3}}$?

A) $\dfrac{2x+5}{x^2+5x+6}$ B) $\dfrac{x^2+5x+6}{2x+5}$ C) $2x+5$ D) x^2+5x+6

What alternative method could I use on this question?

_____

_____

QUESTION #3:

Where's the proof for Reading #____? ANSWER: Lines _____

QUESTION #4: Organic material that is sent to landfills in many larger cities _____ to the release of methane.

(a) contribute (b) are contributing (c) contributes (d) have contributed

QUESTION #5: Copy question from board here: _____

So 2/3 right, 1/3 omitted on the ACT could be _____ with a range of _____

QUESTION #6: Copy question from board here: _____

So 2/3 right, 1/3 omitted on the SAT could be _____ with a range of _____

QUESTION #7: Copy question from board here: _____

(a) 1 (b) 2 (c) 4 (d) 22 (e) Cannot be determined

QUESTION #8: Copy question from board here: _____

(a) 1 (b) 2 (c) 3 (d) 81 (e) Cannot be determined

QUESTION #9: If $f(x) = x + (x - 1) + (x - 2) \ldots + 2 + 1$, what is $f(42) - f(40)$?

(a) 2 (b) 41 (c) 42 (d) 82 (e) 83