

Monday

SAT/ACT The average of five numbers is 9. The average of 7 other numbers is 8. What is the average of all 12 numbers?

F $8\frac{5}{12}$ J $8\frac{3}{4}$
G $8\frac{1}{2}$ K $8\frac{11}{12}$
H $8\frac{7}{12}$

Tuesday

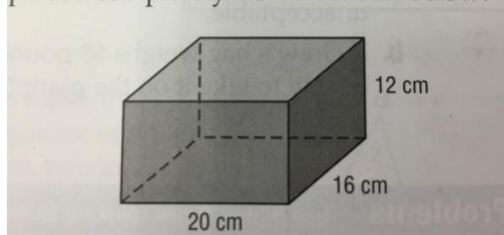
Below are the strikeout totals for two pitchers, Tom and Frank, during three games. How many strikeouts must Frank have on his next game so that Frank's strikeout average for 4 games is equal to Tom's strikeout average for 3 games?

Game #	Tom's Strikeout Total	Frank's Strikeout Total
1	7	8
2	12	13
3	8	5

- A. 8
- B. 9
- C. 10
- D. 11
- E. 12

Wednesday

GRIDDED RESPONSE How many cubes that measure 4 centimeters on each side can be placed completely inside the box below?



Thursday

POPULATION In 2005, the population of Bay City was 19,611. For each of the next five years, the population decreased by an average of 715 people per year. (Lesson 1-3)

- a. What was the population in 2010?
- b. If the population continues to decline at the same rate as from 2005 to 2010, what would you expect the population to be in 2025?

Friday: Solve using the Quadratic Formula: $8x^2 = 7x - 2$