

# Averages and Rounding Questions

1. Round 907.457 to the nearest tens place.

- A. 908.0
- B. 910
- C. 907.5
- D. 900
- E. 907.46

2. At a certain high school, the respective weights for the following subjects are:

Mathematics 3, English 3, History 2, Science 2 and Art 1.

What is a student's average whose marks were the following: Geometry 89, American Literature 92, American History 94, Biology 81, and Sculpture 85?

- A. 85.7
- B. 87.8
- C. 88.9
- D. 89.4
- E. 90.2

3. Ginger over the course of an average work-week wanted to see how much she spent on lunch daily. On Monday and Thursday, she spent \$5.43 total. On Tuesday and Wednesday, she spent \$3.54 on each day. On Friday, she spent \$7.89 on lunch. What was her average daily cost?

- A. \$3.19
- B. \$3.75
- C. \$3.90
- D. \$4.08
- E. \$4.23

4. What is 1230.932567 rounded to the nearest hundredths place?

- A. 1200
- B. 1230.9326
- C. 1230.93
- D. 1230
- E. 1230.933

5. Subtract the following numbers rounded to the nearest tenths place.

134.679  
-45.548  
-67.8807

- A. 21.3
- B. 21.25
- C. -58.97
- D. -59.0
- E. 1

6. What is the absolute value of -9?

- A. -9
- B. 9
- C. 0
- D. -1
- E. 1

7. What is the median of the following list of numbers? 4, 5, 7, 9, 10, 12

- A. 6
- B. 7.5
- C. 7.8
- D. 8
- E. 9

8. What is the mathematical average of the number of weeks in a year, seasons in a year, and the number of days in January?

- A. 36
- B. 33
- C. 32
- D. 31
- E. 29

9. In a college, some courses contribute more towards an overall GPA than other courses. For example, a science class is worth 4 points; mathematics is worth 3 points; history is worth 2 points; and English is worth 3 points. The values of the grade letters are as follows, A= 4, B=3, C=2, D=1, F=0. What is the GPA of a student who made a "C" in Trigonometry, a "B" in American History, an "A" in Botany, and a "B" in Microbiology?

- A. 2.59
- B. 2.86
- C. 3.08
- D. 3.33
- E. 3.67

10. Over the course of a week, Fred spent \$28.49 on lunch. What was the average cost per day?

- A. \$4.07
- B. \$3.57
- C. \$6.51
- D. \$2.93
- E. \$5.41

11. A roast was cooked at 325° F in the oven for 4 hours. The internal temperature rose from 32° F to 145° F. What was the average rise in temperature per hour?

- A. 20.2° F/hr
- B. 28.25° F/hr
- C. 32.03° F/hr
- D. 37° F/hr
- E. 37.29° F/hr

12. In the number 743.25 which digit represents the tenths space?

- A. 2
- B. 3
- C. 4
- D. 5
- E. 6