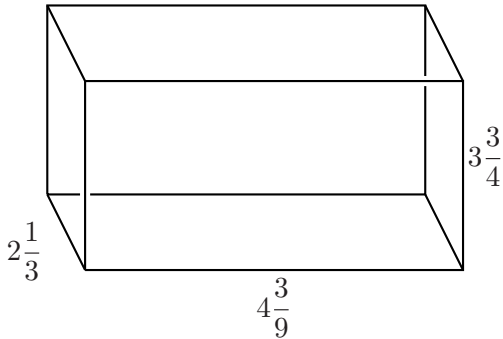# Practice Questions for the Midterm

October 31, 2007

1. Write $21,000,245,013$ in words.

2. Write "fifteen million, hundred and fifty six" in numerals.

3. Multiply: $2,314 \times 35$.

4. Subtract: $4,312 - 2,991$

5. A rectangle has length $3\frac{3}{8}$ inches and width $5\frac{1}{2}$ inches. Find

   (a) its perimeter
   (b) its area

6. Find the area and perimeter of a square wiht side $\frac{3}{4}$ inch.

7. Find the area of a triangle with base $4\frac{3}{5}$ and height 10.

8. Find the volume of the following rectangular prism:

9. John and Mary left at the same time. Mary returns every 4 days and John returns every 6 days. When is the first time that they will be both in town?

10. Change 5.88 into a mixed number.

11. Find the prime factorization of 1200.

12. Subtract: $3\frac{2}{5} - 2\frac{3}{4}$. Give your answer as a mixed number.

13. Divide: $2\frac{3}{4} \div 4\frac{2}{5}$. Give your answer as a mixed number.

14. Find the average of $3\frac{1}{2}$, 4, $5\frac{5}{6}$, $\frac{19}{12}$,and $4\frac{2}{3}$.

15. Which one is larger: $\frac{4}{5}$ or $\frac{5}{7}$?

16. Find $\frac{3}{4}$ of 64.

17. A bag contains some blue and some green marbles. If there is a total of 32 marbles in the bag and $\frac{3}{4}$ of them are green, how many blue marbles are in the bag?