Problem Solving

1.) The number 5,765 is _____ more than 5,765 written backwards.

2.) Over a holiday weekend, Mr. And Mrs. Cohn left their house in Phoenix 6 p.m. Friday night. They arrived back home at 4:30 p.m. Monday afternoon. The Cohns were away _____hours _____minutes that weekend.

3.) $3 \times (5 + 6) - 2 \times (4 + 5) =$ _____.

4.) Mr. and Mrs. Morgan have 6 sons and each of them has one sister. Including Mr. and Mrs. Morgan, how many people are in that family?

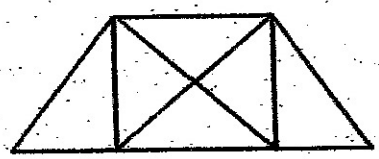
5.) Keyshawn can read 60 pages in an hour and Nyree can read 45 pages in an hour. If both Keyshawn and Nyree start reading at the same time, how many minutes will it take them to read a total of 210 pages?

6.) In the two problems at the right, the larger answer is _____ more than the smaller answer.

$$\begin{array}{r} 75 \\ \times\ 4 \end{array} \qquad \begin{array}{r} 115 \\ +\ 73 \end{array}$$

7.) If $(60 \div 4) - 5 = 10$, $(40 \div 4) - 5 = 5$ and $(\square \div 4) - 5 = 0$, then find the number in the box.

8.) How many triangles are there in the figure at the right?



9.) Mr. Ziegler has 6 planks of wood 7 feet long and 5 planks of wood 8 feet long. If he places all 6 of the 7-foot planks in a line, they will be _____ feet longer than all 5 of the 8-foot planks in a line.

10.) The floor of a bridge is to be 4' wide and 252' long. How many 2' by 4' boards are needed to build the floor of the bridge?

11.) If 18 oranges cost \$3.20, how much would 27 of these oranges cost?

12.) Which of the following has a value between $\frac{1}{3}$ and $\frac{3}{4}$?

a) $\frac{1}{4}$ b) $\frac{2}{3}$ c) $\frac{4}{5}$ d) $\frac{7}{8}$ e) $\frac{11}{12}$

13.) What is the largest 5-digit number in which the digit in the ten's place is twice the digit in the thousand's place?

14.) Mr. and Mrs. Morgan have 6 sons and each of them has one sister. Including Mr. & Mrs. Morgan, how many people are in the family?