1. A group of six persons, including adults and children, buy tickets to get into an exhibit. The charge for adults is $2.00 and the charge for children is $0.50. The total charge for all six persons is $6.00. How many children were there?

2. The three older children in the Jones family are 16, 14, and 10 years old. Next year when the other child will be 5, the sum of the ages of all 4 children will be ________.

3. A digital clock shows either 3 digits or 4 digits at a time. What time is it when the digits have their greatest sum?

4. The cafeteria has 5 doors. Three doors are only entrances and one door is only an exit. In how many different ways can a student enter and leave the cafeteria?

5. There were 9 children at a party. Each boy ate five cookies and each girl ate 6 cookies. A total of 50 cookies were eaten. How many girls were at the party?
The sum of five different positive integers is 100. The largest possible value for one of these integers is _______.

One bell rings every 5 minutes and another bell rings every 6 minutes. If they ring together right now, how many minutes will it be before they ring together again?

Al, Bill and Cindy stand together on a scale and it reads 200 pounds. Al and Bill know they weigh the same. Bill and Cindy know they weigh 140 pounds together. How many pounds does Cindy weigh?

Joe made a mistake in a math problem. He added 5 instead of multiplying by 5. Joe’s answer was 13. The correct answer to the problem is _______.

Grandpa has 8 sons. Each of his sons has as many sons as they have brothers. Grandpa is as old as the number of all of his sons and grandsons. How old is Grandpa?