1. The pizza shown here is divided into pieces that are all equal in size. Carmine says he wants a section of the pizza that makes an angle of 160°. How many pieces of pizza will he get? What fraction of the pizza will he eat?

2. 28 out of 70 is what percent?

3. There are 14 yellow marbles, 5 red marbles, and 21 blue marbles in a sock. If one marble is drawn out, what is the probability that it is not blue?

4. In a "Tribonacci Sequence," each number after the third number is the sum of the preceding three numbers. For example, if the first three numbers are 5, 6, and 7, then the fourth number is 18 because $5 + 6 + 7 = 18$ and the fifth number is 31 because $6 + 7 + 18 = 31$.

   The first five numbers of another Tribonacci Sequence are $P$, $Q$, 86, 158, and 291 in that order. What is the value of $P$?

   Turn test over for additional problems on back...
5. Mrs. Smith left on a trip the day after the day before yesterday and she will be back the eve of the day after tomorrow. How many days is she away?

6. Le Wei counts backwards from 2003 by 19. What is the first 2 digit number that he reaches?

7. What number replaces the question mark?

26 18 22
5 3 6 5 ?

The test is complete!

Turn in your completed team test answer sheet to your proctor.

You may KEEP this copy of the test :-(
1. In a triangle, the second angle measures twice the first, and the third angle measures 5 more than the second. If the sum of the angles' measures is 180°, find the measure of each angle.

2. A sales tax of $5 \frac{3}{4}$% is charged on a blouse priced at $42. How much sales tax must be paid?

3. Ernie ate half the cookies; Grover ate half of those remaining. The cookie monster ate the last five cookies remaining. How many cookies were there originally?

4. At the right, boxes represent digits and different letters represent different nonzero digits. What three-digit number is the least possible product?

Turn test over for additional problems on back... →
5. At a business convention, 12 people are meeting for the first time. If they all shake hands only once each, how many total handshakes will occur?

6. What is the probability that a randomly selected 2 digit number is divisible by 8? Answer as a common fraction.

7. Which letter is two places to the right of the letter which is four places above the letter two places to the right of the letter which is at the bottom of the column one place to the left of the column headed by N?

The test is complete!

Turn in your completed team test answer sheet to your proctor.

You may KEEP this copy of the test :-)

ANFOI
MBSP
QRCHJ
LGWDY
TXUKE