

Dining on Digits

Problem One

Room 12 made a coin trail with \$25 worth of 10 cent coins.

Measure a 10 and a 50 cent coin and then answer these questions:

- How long was the trail?
- How long would \$25 worth of 50 cent coins be?



Problem Two

Using the digits on two cubes, all the dates 01, 02, 03, ... 29, 30, and 31 can be shown on the desk calendar. The cubes are interchangeable.

What digits are on the cubes?



Problem Three

What is the largest number of pieces a pizza can be cut into with five straight cuts?
(The pieces can be any size or shape.)

Problem Four

Jean-Pierre looks at the bookings for his restaurant for Saturday night.

There will be two groups of eight, three groups of six, one group of five, three groups of four, two groups of two, and one person on their own.

The restaurant tables are square and can be joined together. Only one person can sit at each side of a table.

What is the minimum number of tables Jean-Pierre needs to use for Saturday night?

