1. Freda found a roll of 75 coins. She wanted to share her good fortune equally among six of her closest friends. She herself would only keep any leftover coins. How many coins did she keep?

2. The mean of three different counting numbers is 4. What is the largest possible counting number of those three numbers?

3. Show the following diagram to the students:

```
+---+---+
|   |   |
+---+---+
```

The area of the each square in the diagram is 16 square inches. What is the perimeter (in inches) around the figure?

1. Show the following diagram to the students:

```
1 : 04
```

On the digital clock shown, it is 1:04. The number of hours, 1, is one-fourth of the number of minutes, 4. How many times between 1 AM and 7 AM would the digital clock show the number of hours being one-tenth of the number of minutes?

2. Show the following to the students.

```
3, 6, 9, 12
```

In the first four multiples of 3 shown, the two digits underlined are the prime numbers. How many digits are prime numbers in the first four multiples of 7?

3. What is the difference (in degrees) between the measure of the largest possible obtuse angle and the measure of the largest possible acute angle, if both angles’ measures are counting numbers?