Questions about Mathematics
(Prepared by Baris Inan)

1. ***Fibonacci numbers.*** If the 1st and 2nd Fibonacci numbers are 1 and 1, which one of the following numbers is the 14th Fibonacci number?

(a) 144   (b) 233   (c) 377   (d) 610   (e) 978   (f) 1597

2. ***Twenty-sided shape.*** What is the name of the geometric shape which has twenty sides?

(a) Eyeagon   (b) Decagon   (c) Dodecagon   (d) Ondecagon   (e) Nonagon   (f) Pentagon

3. ***Square of a number which ends with five.*** Which one of the following numbers is the square of 85?

(a) 6425   (b) 4825   (c) 8425   (d) 7225   (e) 8125   (f) 9025

4. ***Percentage of a number.*** What percentage of 125 is equal to 60?

(a) 47%   (b) 47.5%   (c) 48%   (d) 49%   (e) 50%   (f) 51%

5. ***Isosceles triangle.*** If one side of an isosceles triangle with a perimeter of 20 is twice longer than the other side, which one of the following can be equal to the shortest side of the isosceles triangle?

(a) 2   (b) 3   (c) 5   (d) 6   (e) 7   (f) 8