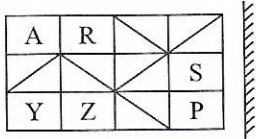1. Find the correct mirror image of the given figure.

A.   B.

C.   D.

2. Pointing to a photograph, Mrs Seema said, "He is the husband of my son's only sister." How is Mrs Seema related to the man in the photograph?
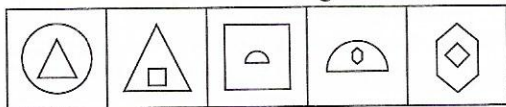
   A. Mother   B. Mother-in-law
   C. Sister   D. Sister-in-law

3. In a certain code language, ORGANISM is written as NTJOBHSP. How will RELATION be written in that code language?

   A. SFMBUJPO   B. OPJUBMES
   C. OPJUBMFS   D. SFMBUJPP

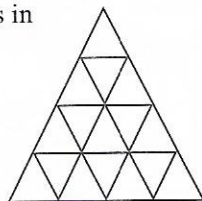4. Select the figure from the options which will continue the series as established by the Problem Figures.
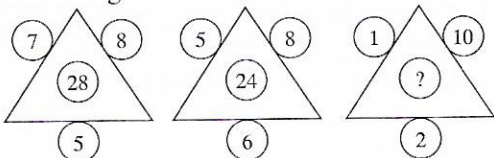
   Problem Figures

   A.   B.

   C.   D.

5. Count the number of parallelograms in the given figure.

   A. 26
   B. 30
   C. 32
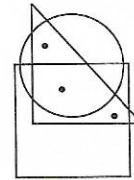   D. None of these

6. Find the missing number, if same rule is followed in all the three figures.

   A. 1   B. 0   C. 2   D. 3

7. Select a figure from the options which does not satisfy the same conditions of placement of dots as in the given figure.

   A.   B.

   C.   D.

8. Select the odd one out.

   A.   B.

   C.   D.

9. Read the given information carefully and answer the following question.

   - A " B means 'add B to A'.
   - A ' B means 'subtract B from A'.
   - A @ B means 'divide A by B'.
   - A * B means 'multiply A by B'.

   The time taken by two running trains to cross each other is calculated by dividing the sum of the lengths of the two trains by the total speed of the two trains. If the length of first train is L_1, the length of second train is L_2, the speed of first train is V_1 and the speed of second train is V_2, then which of the following expressions would represent the time taken by the trains to cross each other?

   A. $[(L_1 " L_2) @ (V_1 " V_2)] * 60$
   B. $(L_1 " L_2) * (V_1 ' V_2)$
   C. $(L_1 ' L_2) @ (V_1 ' V_2)$
   D. $(L_1 " L_2) @ (V_1 " V_2)$

10. If the positions of the letters in the sequence are reoccupied by the letters themselves after getting rearranged alphabetically from the left, then which of the following options will indicate the position of J in the new arrangement?

    9 4 Y ? 3 K Q @ 8 M U * 2 D J $ 7 Z B £ V P I G X 5 A L O R

    A. Between I and *   B. 17th from the right end
    C. Between 7 and L   D. 13th from the left end