CS pathshala
Bringing computational thinking to schools

1. Based on what you have learnt, try to find out how many combinations there can be for the following:

①②③④⑤⑥⑦⑧⑨⑩

   a. Now put the counters into pairs to make 12. Can you use them all? Show how you got your answer.

   ....
   ....
   ....
   ....
   ....

   b. Now put the counters into pairs to make 13. Show how you got your answer.

   ....
   ....
   ....
   ....
   ....
   ....

   c. Now put the counters into pairs to make 11. Show how you got your answer.

   ....
   ....
   ....
   ....
   ....

2. The local ice cream parlor offers three milk shake flavors: vanilla, strawberry, and chocolate. They come in three sizes: small, medium, and large.

Name: **Class:**   **Div:**   **Roll. No:**

CS pathshala
Bringing computational thinking to schools

Conditions: Chocolate flavor cannot be had in the medium cup Vanilla can be had only in large cup

Make a diagram to show all the combinations. Tell how many combinations are possible.