Problem Solving Strategies: Make a Picture or Diagram
                            Make an Organized List

Apple: 2¢
Banana: 4¢
Orange: 5¢

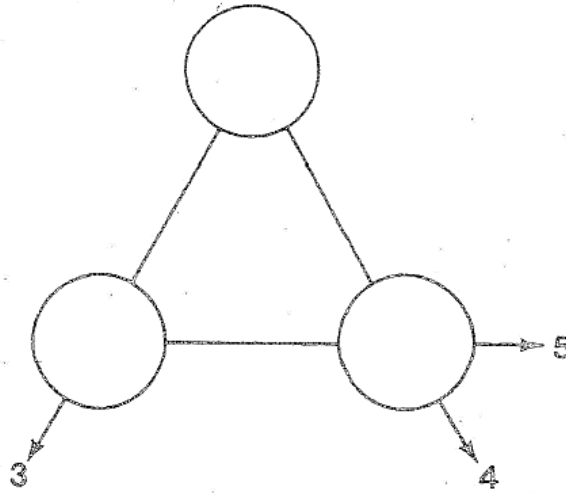What can you buy to spend exactly 10¢?
You can buy more than one of the same things.
Find all the ways to spend exactly 10¢.

A class has 32 students. The students were standing in a circle and began to count round the room starting from one, with each student saying one number. As they counted, all those who spoke an even number sat down. Once each student had a turn, they continued counting (from 33) using only those students still standing. Again, every student who said an even number sat down. After the second round of counting how many students were still standing?

You need 6 pebbles.

Put the 6 pebbles in the circles so that the totals of pebbles on the sides of the triangle are 3, 4, and 5.

Tom makes a table to show the number of black squares and white squares he needs to make different shapes.

Shape #	1	2	3	4	5
Number of black squares	1	1	1		
Number of white squares	4	8	12		

How many black squares and white squares does Tom need to make Shape #4? Write your answers in the table above.