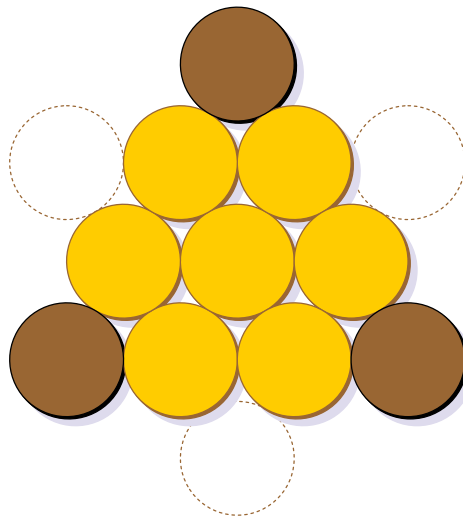
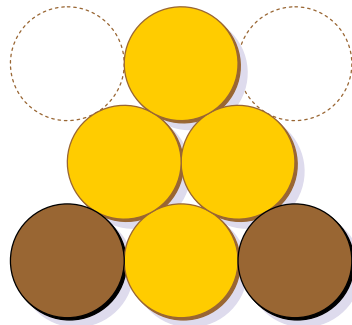


Place six pennies on the table to form the triangle shown on the left in the topmost illustration. By sliding one penny at a time, reverse the triangle so that it points in the opposite direction. How many pennies do you have to move?

Now put ten pennies on the table to form the triangle shown on the left in the lower illustration. Reverse the triangle by sliding one penny at a time. How many pennies do you have to move?



The solutions are shown in the illustration.