The scales below are balanced. Use the scales to answer each question.

1) If you added 2 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

2) If you added 4 circles to the right side, how many squares would you have to add to the left side to keep it balanced?

3) If you added 6 circles to the right side, how many squares would you have to add to the left side to keep it balanced?

4) If you added 3 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

5) If you added 6 circles to the right side, how many squares would you have to add to the left side to keep it balanced?

6) If you added 4 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

7) If you added 4 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

8) If you added 4 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

9) If you added 4 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

10) If you added 6 circles to the right side, how many squares would you have to add to the left side to keep it balanced?

Answers
1. ______
2. ______
3. ______
4. ______
5. ______
6. ______
7. ______
8. ______
9. ______
10. ______
The scales below are balanced. Use the scales to answer each question.

1) \[1+1+2+1+1+1 = 1+2+1+2+2\]
   If you added 2 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

2) \[1+1+2 = 2+2+1\]
   If you added 4 circles to the right side, how many squares would you have to add to the left side to keep it balanced?

3) \[2+1+2 = 1+1+2+1\]
   If you added 6 circles to the right side, how many squares would you have to add to the left side to keep it balanced?

4) \[2+1+1+1+1 = 2+2+2\]
   If you added 3 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

5) \[1+1+1+1+2 = 1+2+2+2\]
   If you added 6 circles to the right side, how many squares would you have to add to the left side to keep it balanced?

6) \[2+2+2+1+1 = 1+2+2+1+1+1\]
   If you added 4 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

7) \[1+1+1+2+1+1 = 1+1+2+1+2\]
   If you added 4 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

8) \[2+2+1+1+1 = 1+2+2+2\]
   If you added 4 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

9) \[2+1+1+1+2 = 2+1+1+1+1+1\]
   If you added 4 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

10) \[2+2+1+1+2 = 1+1+1+1+1+1+2\]
    If you added 6 circles to the right side, how many squares would you have to add to the left side to keep it balanced?