

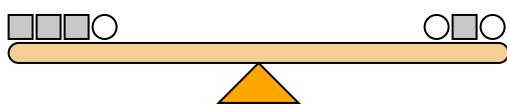


## Keeping Scales Balanced

Name: \_\_\_\_\_

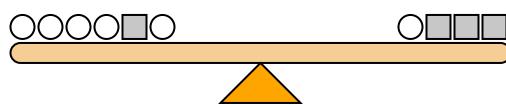
The scales below are balanced. Use the scales to answer each question.

1)



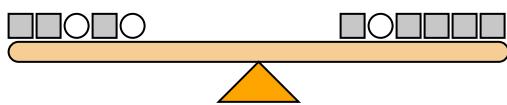
If you added 4 circles to the right side, how many squares would you have to add to the left side to keep it balanced?

2)



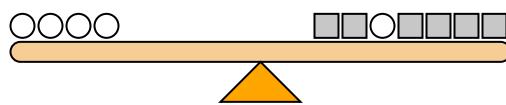
If you added 2 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

3)



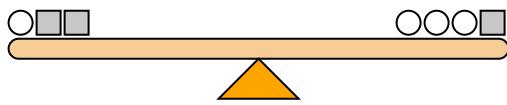
If you added 4 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

4)



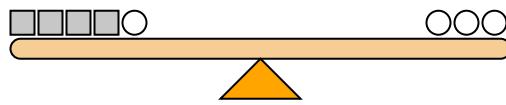
If you added 8 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

5)



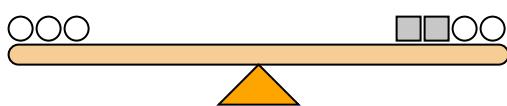
If you added 4 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

6)



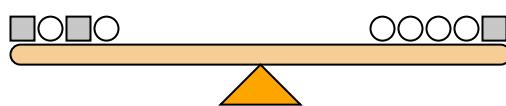
If you added 6 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

7)



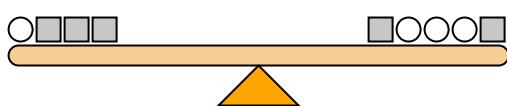
If you added 3 circles to the left side, how many squares would you have to add to the right side to keep it balanced?

8)



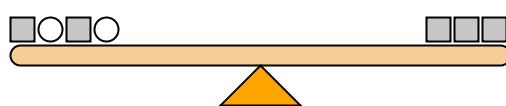
If you added 2 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

9)



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

10)



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

## Answers

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



## Keeping Scales Balanced

Name: **Answer Key**

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

1)  $1+1+1+2 = 2+1+2$



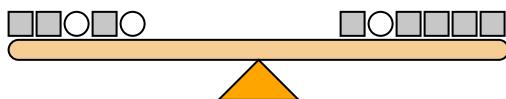
If you added 4 circles to the right side, how many squares would you have to add to the left side to keep it balanced?

2)  $1+1+1+1+2+1 = 1+2+2+2$



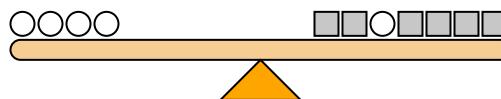
If you added 2 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

3)  $1+1+2+1+2 = 1+2+1+1+1+1$



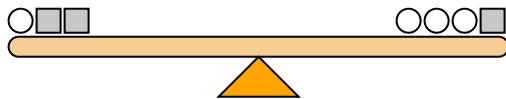
If you added 4 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

4)  $2+2+2+2 = 1+1+2+1+1+1+1$



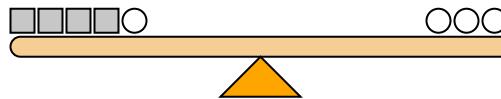
If you added 8 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

5)  $1+2+2 = 1+1+1+2$



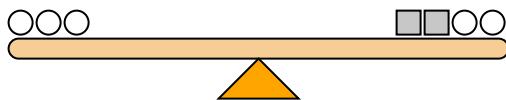
If you added 4 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

6)  $1+1+1+1+2 = 2+2+2$



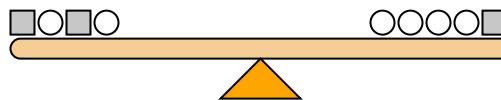
If you added 6 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

7)  $2+2+2 = 1+1+2+2$



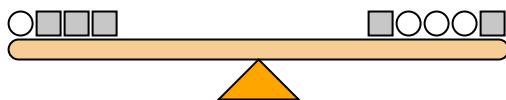
If you added 3 circles to the left side, how many squares would you have to add to the right side to keep it balanced?

8)  $2+1+2+1 = 1+1+1+1+2$



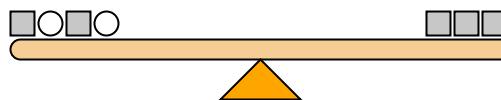
If you added 2 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

9)  $1+2+2+2 = 2+1+1+1+2$



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

10)  $2+1+2+1 = 2+2+2$



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

## Answers

1. **8**

2. **4**

3. **2**

4. **4**

5. **8**

6. **3**

7. **6**

8. **4**

9. **4**

10. **10**