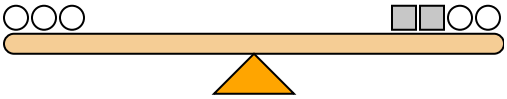
# Keeping Scales Balanced

Name:

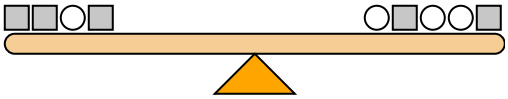
**The scales below are balanced. Use the scales to answer each question.**

**1)**



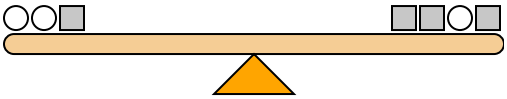
If you added 4 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

**2)**



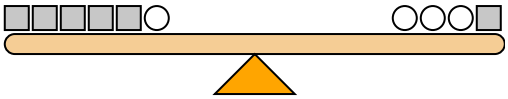
If you added 3 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

**3)**



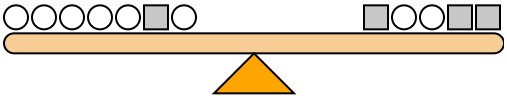
If you added 4 circles to the left side, how many squares would you have to add to the right side to keep it balanced?

**4)**



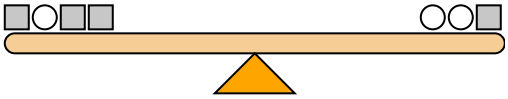
If you added 3 circles to the left side, how many squares would you have to add to the right side to keep it balanced?

**5)**



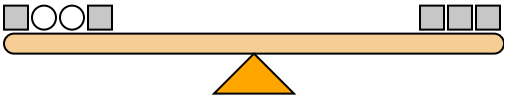
If you added 2 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

**6)**



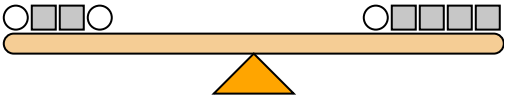
If you added 5 circles to the left side, how many squares would you have to add to the right side to keep it balanced?

**7)**



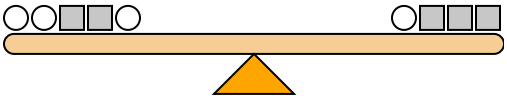
If you added 4 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

**8)**



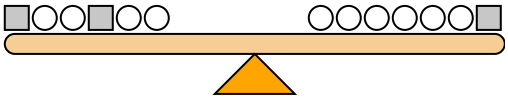
If you added 3 circles to the right side, how many squares would you have to add to the left side to keep it balanced?

**9)**



If you added 6 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 8 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. _____



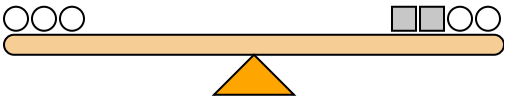
| 1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|

Keeping Scales Balanced

Name: **Answer Key**

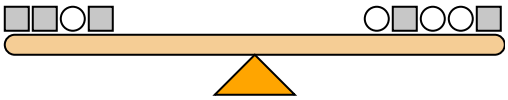
**The scales below are balanced. Use the scales to answer each question.**

**1)** 2+2+2 = 1+1+2+2



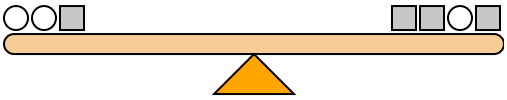
If you added 4 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

**2)** 2+2+1+2 = 1+2+1+1+2



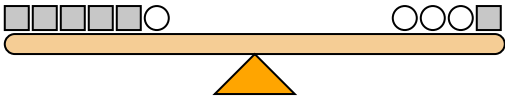
If you added 3 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

**3)** 2+2+1 = 1+1+2+1



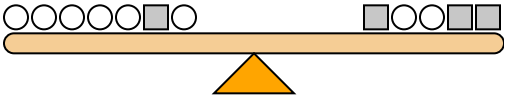
If you added 4 circles to the left side, how many squares would you have to add to the right side to keep it balanced?

**4)** 1+1+1+1+1+2 = 2+2+2+1



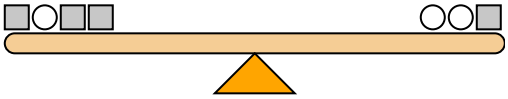
If you added 3 circles to the left side, how many squares would you have to add to the right side to keep it balanced?

**5)** 1+1+1+1+1+2+1 = 2+1+1+2+2



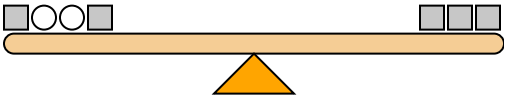
If you added 2 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

**6)** 1+2+1+1 = 2+2+1



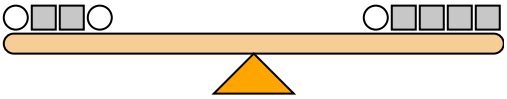
If you added 5 circles to the left side, how many squares would you have to add to the right side to keep it balanced?

**7)** 2+1+1+2 = 2+2+2



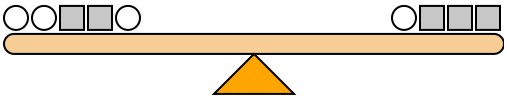
If you added 4 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

**8)** 2+1+1+2 = 2+1+1+1+1



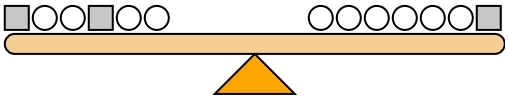
If you added 3 circles to the right side, how many squares would you have to add to the left side to keep it balanced?

**9)** 1+1+2+2+1 = 1+2+2+2



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

**10)** 2+1+1+2+1+1 = 1+1+1+1+1+1+2



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

**Answers**

1. 2
2. 6
3. 8
4. 6
5. 4
6. 10
7. 8
8. 6
9. 3
10. 4



| 1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|