

1)



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?





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



**Answers** 

2

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

4.

\_

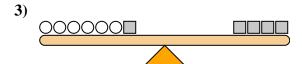
6. \_\_\_\_\_

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

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

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

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



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?

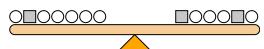




If you added 2 circles to the left side, how many squares would you have to add to the right side to keep it balanced?



5)



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





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?





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?





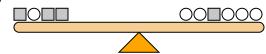
If you added 2 squares to the right side, how many circles would you have to add to the left side to keep it balanced?





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?

**10**)



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

**Answer Key** 

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

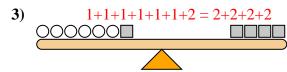
1) 2+2+1+2+1 = 1+1+1+2+1+1+1

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?

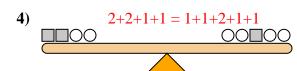


If you added 2 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

Name:



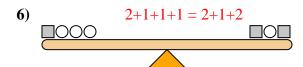
If you added 8 circles to the left side, how many squares would you have to add to the right side to keep it balanced?



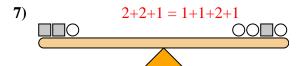
If you added 2 circles to the left side, how many squares would you have to add to the right side to keep it balanced?



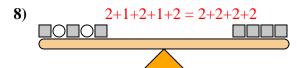
If you added 10 circles to the right side, how many squares would you have to add to the left side to keep it balanced?



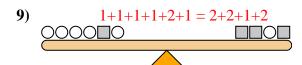
If you added 4 squares to the left side, how many circles would you have to add to the right side to keep it balanced?



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?

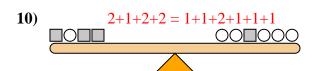


If you added 2 squares to the right side, how many circles would you have to add to the left side to keep it balanced?



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?

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

#### **Answers**

<sub>1.</sub> **4** 

· 4

4

4. \_\_\_\_1

5. <u>5</u>

6. **8** 

7. **3** 

<sub>3.</sub> \_\_\_\_4

9. **3** 

10. **10** 

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?





If you added 1 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.

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

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



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





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?



5)



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





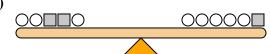
If you added 1 square to the right side, how many circles would you have to add to the left side to keep it balanced?





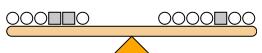
If you added 8 circles to the left side, how many squares would you have to add to the right side to keep it balanced?





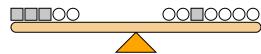
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If you added 4 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

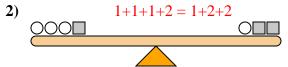
**10**)



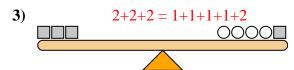
If you added 3 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

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

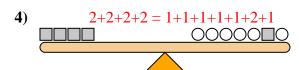
If you added 4 circles to the right side, how many squares would you have to add to the left side to keep it balanced?



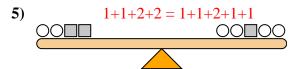
If you added 1 squares to the left side, how many circles would you have to add to the right side to keep it balanced?



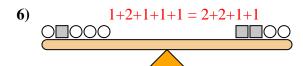
If you added 1 square to the right side, how many circles would you have to add to the left side to keep it balanced?



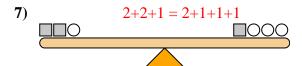
If you added 8 circles to the right side, how many squares would you have to add to the left side to keep it balanced?



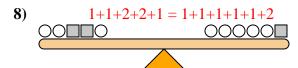
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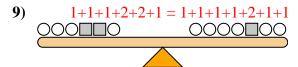
If you added 1 square to the right side, how many circles would you have to add to the left side to keep it balanced?



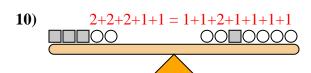
If you added 8 circles to the left side, how many squares would you have to add to the right side to keep it balanced?



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?



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?



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

- 1. **2**
- 2
- 3. **2**
- 4. **4**
- 5. **1**
- 6. **2**
- 7. **4**
- **8**. \_\_**8**
- 9. **8**
- 10. 6

1)



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





If you added 10 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.

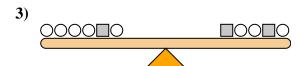
6. \_\_\_\_\_

/.\_\_\_\_

\_\_\_\_\_

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

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



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?





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?





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?





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?





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?



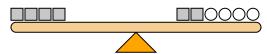


If you added 5 squares to the left side, how many circles would you have to add to the right side to keep it balanced?





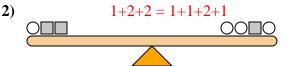
If you added 1 squares to the left side, how many circles would you have to add to the right side to keep it balanced? 10)



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

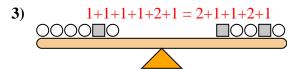
1) 2+2+2+1 = 1+1+2+1+2

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

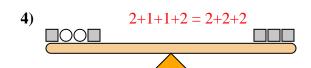


If you added 10 circles to the right side, how many squares would you have to add to the left side to keep it balanced?

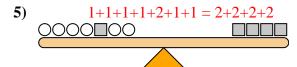
Name:



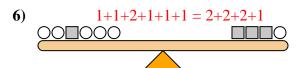
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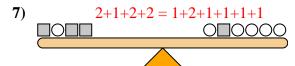
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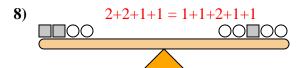
If you added 6 circles to the right side, how many squares would you have to add to the left side to keep it balanced?



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?



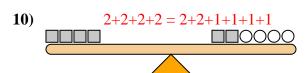
If you added 4 circles to the left side, how many squares would you have to add to the right side to keep it balanced?



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?



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



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**



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? 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?

· \_\_\_\_

**Answers** 

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

3.

4.

5.

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

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

8.

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

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

3)

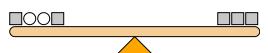
If you added 1 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

4)



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

5)



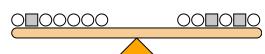
If you added 3 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

6)



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

**7**)



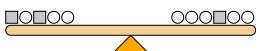
If you added 8 circles to the left side, how many squares would you have to add to the right side to keep it balanced?

8)



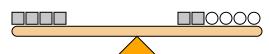
If you added 4 circles to the left side, how many squares would you have to add to the right side to keep it balanced?

9)



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?

**10**)



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

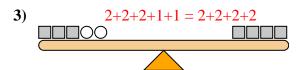
1) 2+2+2+2 = 2+1+1+1+1+1+1

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?

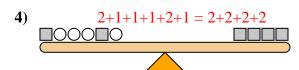


If you added 2 squares to the right side, how many circles would you have to add to the left side to keep it balanced?

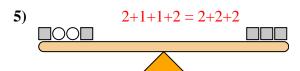
Name:



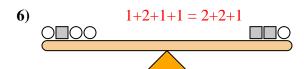
If you added 1 squares to the left side, how many circles would you have to add to the right side to keep it balanced?



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?



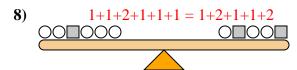
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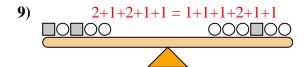
If you added 5 squares to the right side, how many circles would you have to add to the left side to keep it balanced?



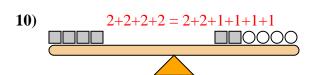
If you added 8 circles to the left side, how many squares would you have to add to the right side to keep it balanced?



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?



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?



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

#### Answers

- <sub>1.</sub> **3**
- 4
- . 2
- 4. 2
- 5. <u>6</u>
- 6. **10**
- 7. **4**
- 8. **2**
- 9. **4**
- 10. **1**



1)



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? 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. \_\_\_\_\_

**Answers** 

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

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

· \_\_\_\_

\_\_\_\_

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

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

3)

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? 4)



If you added 2 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 5 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 8 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 6 circles to the right side, how many squares would you have to add to the left side to keep it balanced? 8)

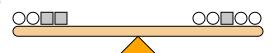


If you added 5 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

9)



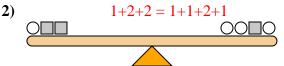
If you added 10 circles to the left side, how many squares would you have to add to the right side to keep it balanced? 10)



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

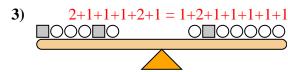
1) 1+2+1+1+1=2+2+2<u>0□00</u>0

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?

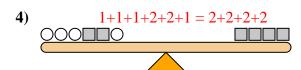


If you added 4 circles to the right side, how many squares would you have to add to the left side to keep it balanced?

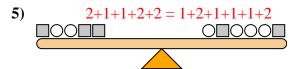
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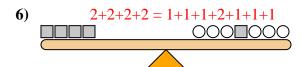
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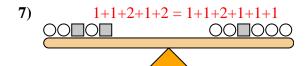
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If you added 5 squares to the right side, how many circles would you have to add to the left side to keep it balanced?



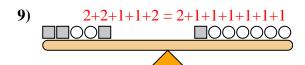
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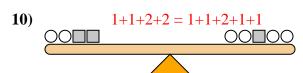
If you added 6 circles to the right side, how many squares would you have to add to the left side to keep it balanced?



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?



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



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?



1)



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?





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



**Answers** 

\_\_\_\_

*J*. \_\_\_\_\_

9.

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?





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?



5)



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





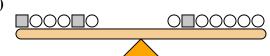
If you added 2 circles to the left side, how many squares would you have to add to the right side to keep it balanced?





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?





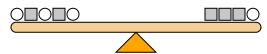
If you added 3 squares to the right side, how many circles would you have to add to the left side to keep it balanced?





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

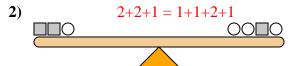
**10**)



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

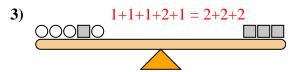
1) 1+2+2+1+2 = 1+1+1+1+2+2

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?

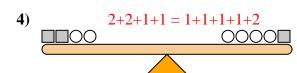


If you added 1 square to the right side, how many circles would you have to add to the left side to keep it balanced?

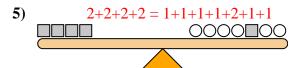
Name:



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?



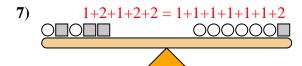
If you added 4 squares to the left side, how many circles would you have to add to the right side to keep it balanced?



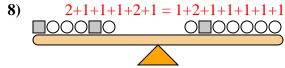
If you added 3 squares to the left side, how many circles would you have to add to the right side to keep it balanced?



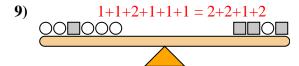
If you added 2 circles to the left side, how many squares would you have to add to the right side to keep it balanced?



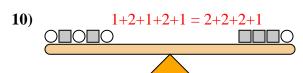
If you added 8 circles to the right side, how many squares would you have to add to the left side to keep it balanced?



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?



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



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



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?

**Answers** 

4.

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

\_\_\_\_

9.

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

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)

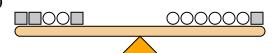


If you added 4 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

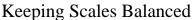
9)



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?



**Answer Kev** Name:

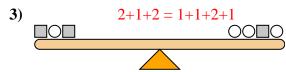
## The scales below are balanced. Use the scales to answer each question.

1) 1+1+1+2+1+1+1 = 1+2+1+2+2000000 

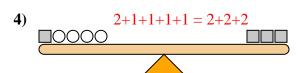
If you added 2 squares to the right side, how many circles would you have to add to the left side to keep it balanced?



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?



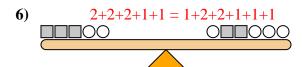
If you added 6 circles to the right side, how many squares would you have to add to the left side to keep it balanced?



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?



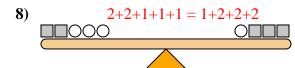
If you added 6 circles to the right side, how many squares would you have to add to the left side to keep it balanced?



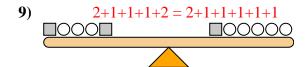
If you added 4 squares to the right side, how many circles would you have to add to the left side to keep it balanced?



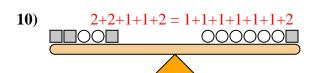
If you added 4 squares to the left side, how many circles would you have to add to the right side to keep it balanced?



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?



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?



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?



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?





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



**Answers** 

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

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

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

5

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

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

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

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?





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



5)



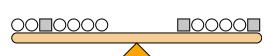
If you added 2 squares to the right side, how many circles would you have to add to the left side to keep it balanced?





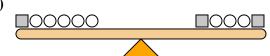
If you added 3 squares to the left side, how many circles would you have to add to the right side to keep it balanced?





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?





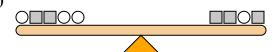
If you added 6 circles to the left side, how many squares would you have to add to the right side to keep it balanced?





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

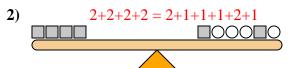




If you added 1 square to the right side, how many circles would you have to add to the left side to keep it balanced?

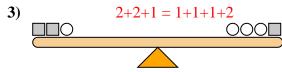
1) 2+2+2=1+1+2+1+1 $00 \square 00$ 

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?



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

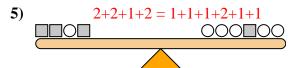
Name:



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?



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



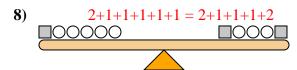
If you added 2 squares to the right side, how many circles would you have to add to the left side to keep it balanced?



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



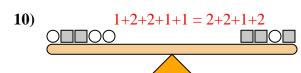
If you added 2 squares to the right side, how many circles would you have to add to the left side to keep it balanced?



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?



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



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



1)



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





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



**Answers** 

2

3.

4.

\_

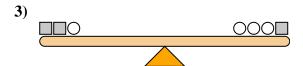
6.

7.

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

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

10.



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





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?



5)



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?





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





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?



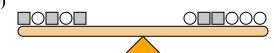


If you added 4 squares to the right side, how many circles would you have to add to the left side to keep it balanced?





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? **10**)

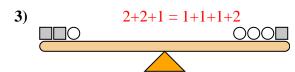


If you added 4 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

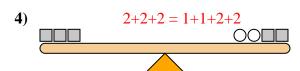
If you added 1 squares to the left side, how many circles would you have to add to the right side to keep it balanced?



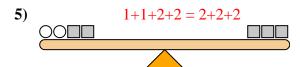
If you added 2 circles to the right side, how many squares would you have to add to the left side to keep it balanced?



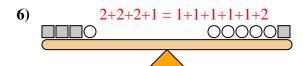
If you added 5 squares to the right side, how many circles would you have to add to the left side to keep it balanced?



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?



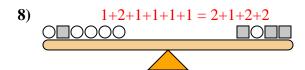
If you added 4 circles to the right side, how many squares would you have to add to the left side to keep it balanced?



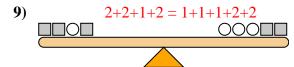
If you added 2 squares to the left side, how many circles would you have to add to the right side to keep it balanced?



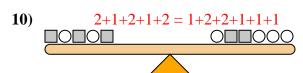
If you added 4 squares to the right side, how many circles would you have to add to the left side to keep it balanced?



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?



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?



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?

- 1. **2**
- <sub>2.</sub> 1
- 3. **10**
- 4. \_\_\_\_3
- 5. **2**
- 6. **4**
- 7. **8**
- 8
- 9. **4**
- 10. \_\_\_\_\_8



1)



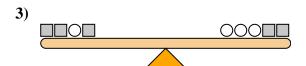
If you added 4 squares to the left side, how many circles would you have to add to the right side to keep it balanced?





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?





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?





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?





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?





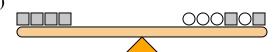
If you added 10 circles to the right side, how many squares would you have to add to the left side to keep it balanced?





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





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)

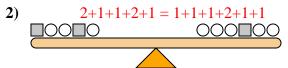


If you added 2 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

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

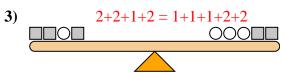


If you added 4 squares to the left side, how many circles would you have to add to the right side to keep it balanced?

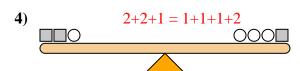


If you added 4 circles to the right side, how many squares would you have to add to the left side to keep it balanced?

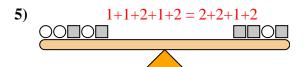
Name:



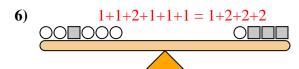
If you added 4 squares to the right side, how many circles would you have to add to the left side to keep it balanced?



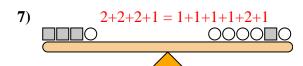
If you added 6 circles to the left side, how many squares would you have to add to the right side to keep it balanced?



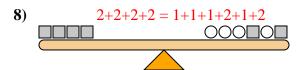
If you added 3 squares to the right side, how many circles would you have to add to the left side to keep it balanced?



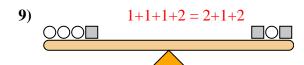
If you added 10 circles to the right side, how many squares would you have to add to the left side to keep it balanced?



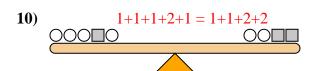
If you added 10 circles to the left side, how many squares would you have to add to the right side to keep it balanced?



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



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?



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