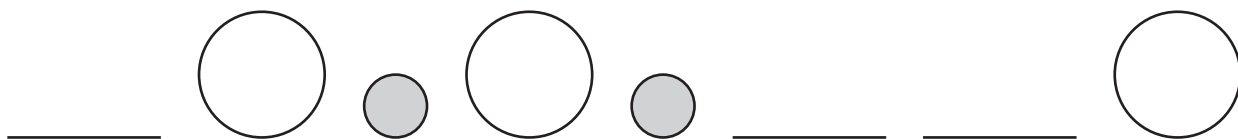


# Repeating and Growing Patterns

What is missing?

1.



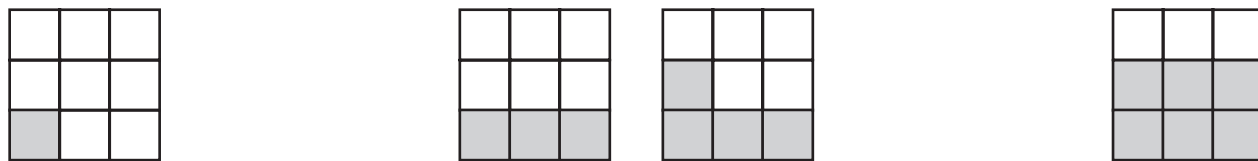
2.



3.

\_\_\_\_\_ a t c \_\_\_\_\_ t c a \_\_\_\_\_

4.



5.

12:00 \_\_\_\_\_ 4:00 6:00 8:00 \_\_\_\_\_

6.

20 18 16 \_\_\_\_\_ 12 10 \_\_\_\_\_ 4 \_\_\_\_\_

# Working with Number Patterns

Continue each pattern.

1.

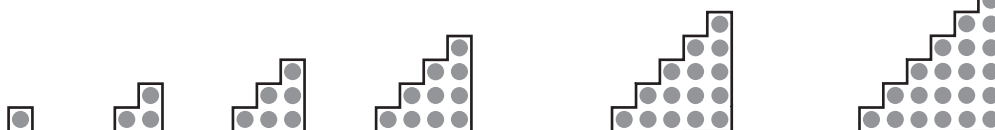
1, 3, 5, 7, 9, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

2.

0, 2, 4, 6, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

3.

1, 3, 6, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

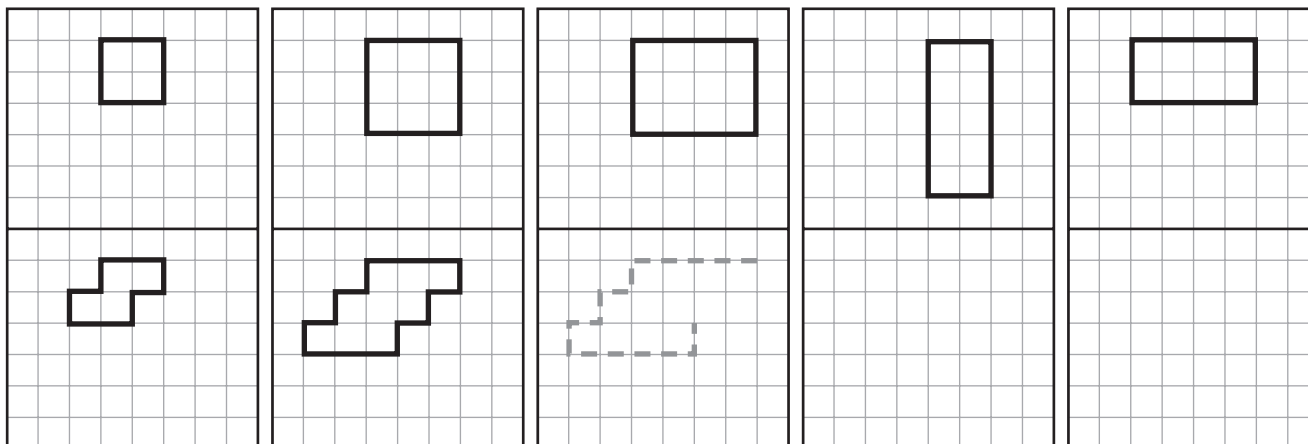


4.

1, 4, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_



5. Find the rule. Continue the pattern.



# Growing Addition Sentences

What is missing? Continue the pattern.

$$1 = 1$$

$$3 = 1 + 2$$

$$\underline{\hspace{2cm}} = 1 + 2 + 3$$

$$\underline{\hspace{2cm}} = 1 + 2 + 3 + \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} = 1 + 2 + 3 + 4 + \underline{\hspace{2cm}}$$

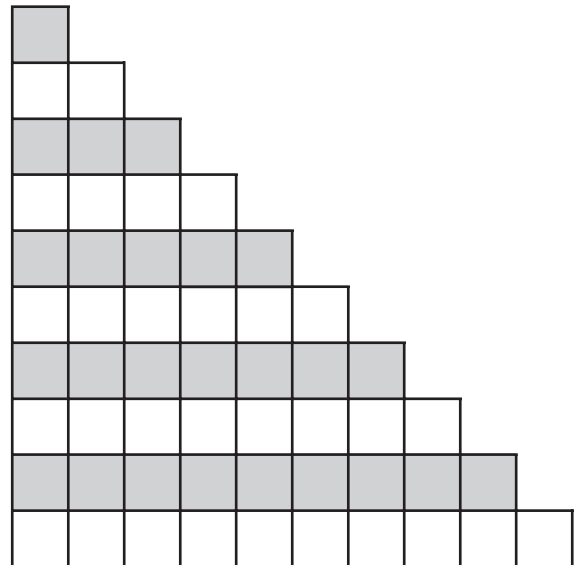
$$\underline{\hspace{2cm}} = 1 + 2 + 3 + 4 + 5 + 6$$

$$\underline{\hspace{2cm}} = 1 + 2 + 3 + 4 + 5 + 6 + \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} = 1 + 2 + 3 + 4 + 5 + 6 + 7 + \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} = \underline{\hspace{10cm}}$$

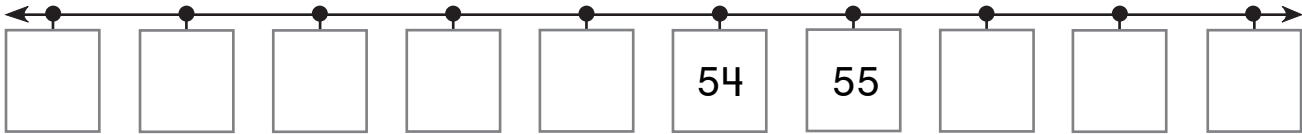
$$\underline{\hspace{2cm}} = \underline{\hspace{10cm}}$$



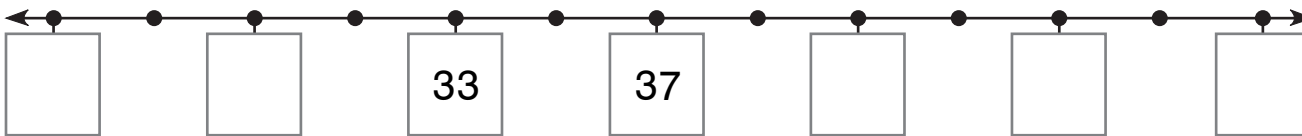
# Completing Number Lines

What is missing?

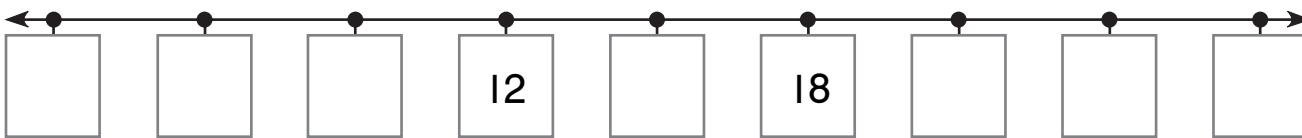
1.



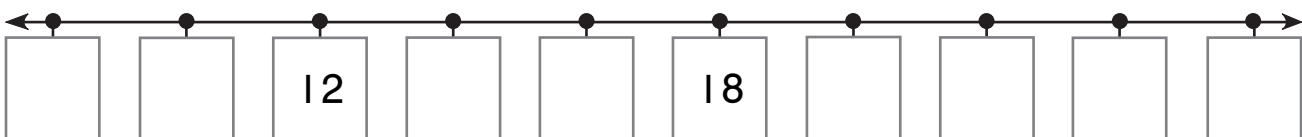
2.



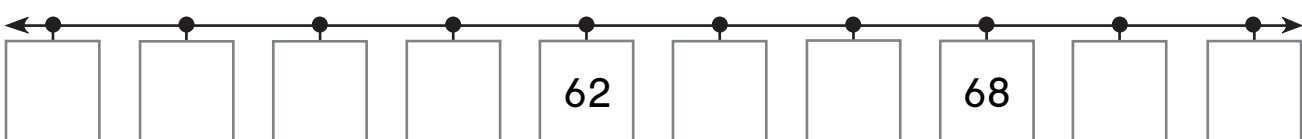
3.



4.



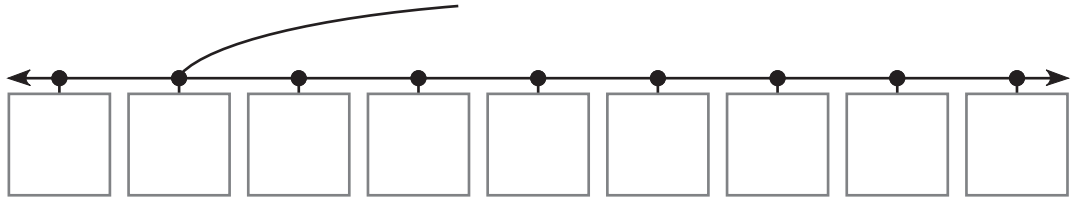
5.



# Completing Number Sentences

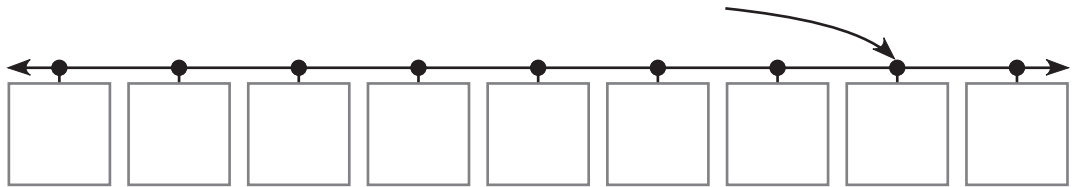
Label each number line. Complete the addition sentence.

1.



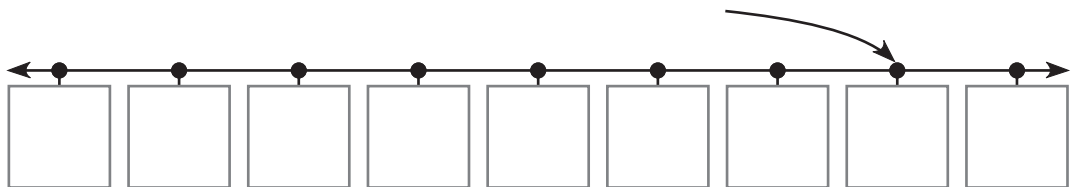
$$\boxed{7} + \boxed{\phantom{00}} = \boxed{13}$$

2.



$$\boxed{\phantom{00}} + \boxed{6} = \boxed{23}$$

3.

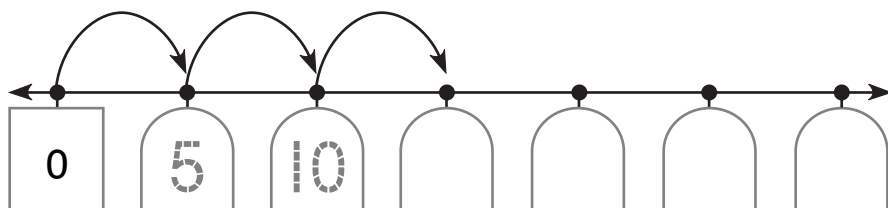


$$\boxed{\phantom{00}} + \boxed{6} = \boxed{53}$$

# Skip-Counting on the Number Line

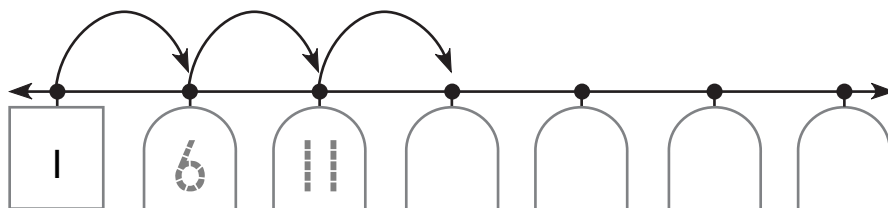
Skip-count. What is missing?

1.



<b>Number of Jumps</b>	0	1	2				
<b>Landing Number</b>	0	5		15			

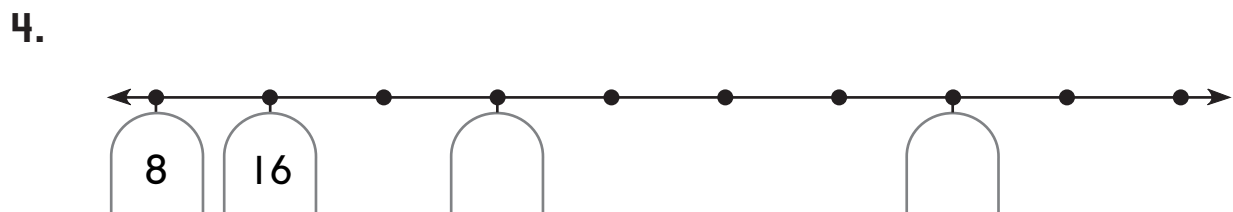
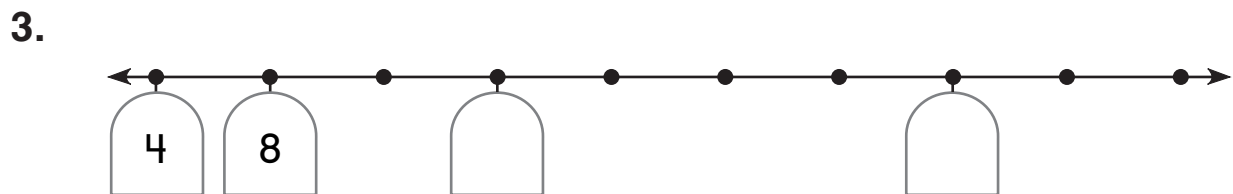
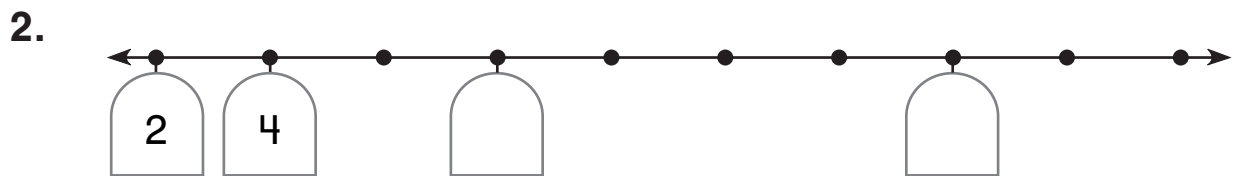
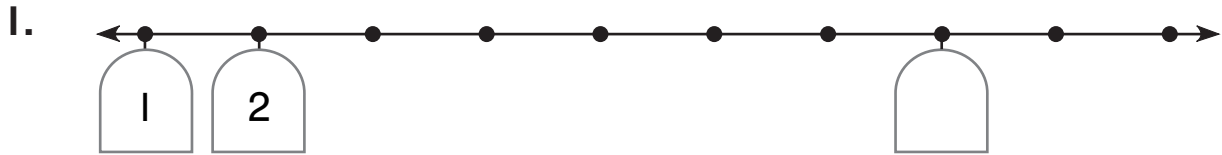
2.



<b>Number of Jumps</b>	0	1	2				
<b>Landing Number</b>	1	7					

# More Skip-Counting on the Number Line

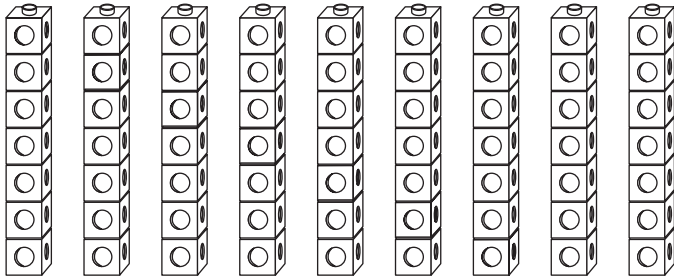
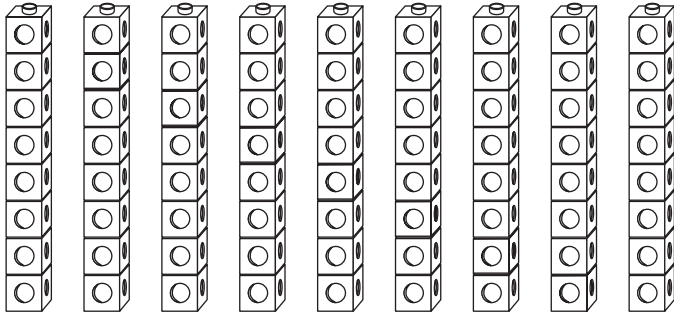
What number belongs in each tag?



# Systematic Counting

How many different towers can you build?

- Rules:
- Use one blue cube in each tower.
  - Use cubes of another color to make the right height.

Height	Different Towers	Number of Towers
1.  7 cubes tall		_____
2.  8 cubes tall		_____

3. How many different towers could you make with 20 cubes? Explain your answer.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



# Finding Ways to Make 10

Draw a picture that goes with each number sentence.

1.  $7 + 3 = 10$

---

2.  $5 + 5 = 10$

---

3.  $9 + 1 = 10$

---

4.  $6 + 4 = 10$

---

# Previewing Multiplication, Part I

Combine the gray letters with the white letters.  
What words can you make?



r	s	bl	sl
ink	ack	ip	

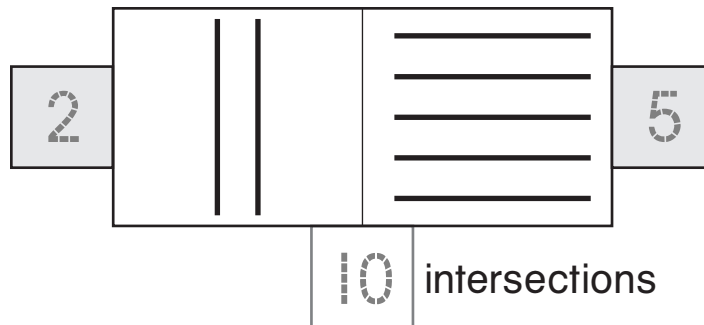
Write the words.

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

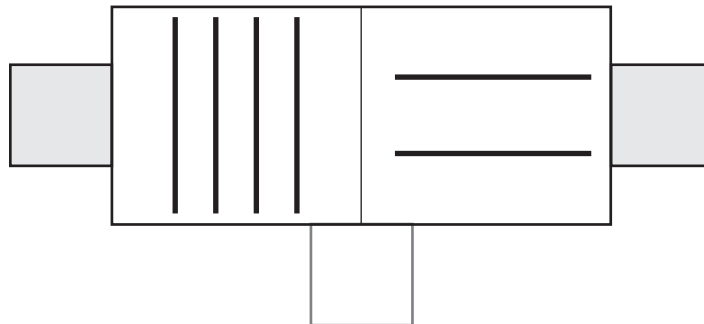
# Previewing Multiplication, Part II

What is missing?

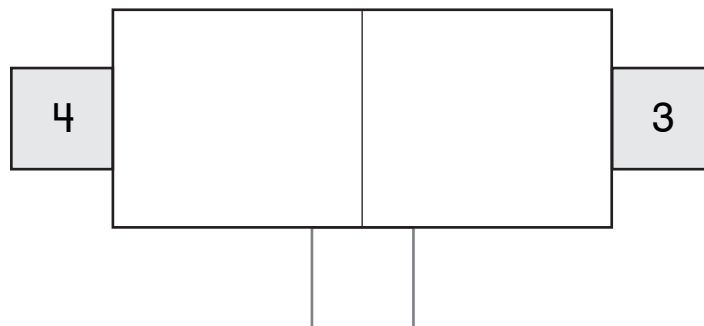
1.



2.



3.



4.

