

# Distributive Property

Grades 7-8 • Expanding expressions using the distributive property

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

Date: \_\_\_\_\_

1. Use the distributive property to expand:  $5(b + 1)$

Answer: \_\_\_\_\_

2. Use the distributive property to expand:  $2(x + 3)$

Answer: \_\_\_\_\_

3. Use the distributive property to expand:  $2(3a + 2b)$

Answer: \_\_\_\_\_

4. Use the distributive property to expand:  $2(x + 3)$

Answer: \_\_\_\_\_

5. Use the distributive property to expand:  $2(3x + 1)$

Answer: \_\_\_\_\_

6. Use the distributive property to expand:  $5(b + 1)$

Answer: \_\_\_\_\_

7. Use the distributive property to expand:  $3(2y - 1)$

Answer: \_\_\_\_\_

8. Use the distributive property to expand:  $2(3a + 2b)$

Answer: \_\_\_\_\_

9. Use the distributive property to expand:  $2(3x + 1)$

Answer: \_\_\_\_\_

10. Use the distributive property to expand:  $2(3x + 1)$

Answer: \_\_\_\_\_



## Answer Key

1.	Use the distributive property to expand: $5(b + 1)$	<b><math>5b + 5</math></b>
2.	Use the distributive property to expand: $2(x + 3)$	<b><math>2x + 6</math></b>
3.	Use the distributive property to expand: $2(3a + 2b)$	<b><math>6a + 4b</math></b>
4.	Use the distributive property to expand: $2(x + 3)$	<b><math>2x + 6</math></b>
5.	Use the distributive property to expand: $2(3x + 1)$	<b><math>6x + 2</math></b>
6.	Use the distributive property to expand: $5(b + 1)$	<b><math>5b + 5</math></b>
7.	Use the distributive property to expand: $3(2y - 1)$	<b><math>6y - 3</math></b>
8.	Use the distributive property to expand: $2(3a + 2b)$	<b><math>6a + 4b</math></b>
9.	Use the distributive property to expand: $2(3x + 1)$	<b><math>6x + 2</math></b>
10.	Use the distributive property to expand: $2(3x + 1)$	<b><math>6x + 2</math></b>