

# Word Problem Equations

Grades 7-8 • Translating word problems into equations and solving

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

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

1. Three times a number equals 15. What is the number?

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

2. A number divided by 6 equals 8. What is the number?

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

3. A number increased by 25 equals 32. What is the number?

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

4. Three times a number equals 15. What is the number?

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

5. A number increased by 15 equals 50. What is the number?

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

6. Sarah has 10 more stickers than Tom. If Sarah has 28 stickers, how many does Tom have?

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

7. A number divided by 2 equals 11. What is the number?

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

8. A number increased by 2 equals 44. What is the number?

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

9. A number divided by 6 equals 6. What is the number?

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

10. Sarah has 8 more stickers than Tom. If Sarah has 26 stickers, how many does Tom have?

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

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## Answer Key

1.	Three times a number equals 15. What is the number?	<b>5</b>
2.	A number divided by 6 equals 8. What is the number?	<b>48</b>
3.	A number increased by 25 equals 32. What is the number?	<b>7</b>
4.	Three times a number equals 15. What is the number?	<b>5</b>
5.	A number increased by 15 equals 50. What is the number?	<b>35</b>
6.	Sarah has 10 more stickers than Tom. If Sarah has 28 stickers, how many does Tom have?	<b>18</b>
7.	A number divided by 2 equals 11. What is the number?	<b>22</b>
8.	A number increased by 2 equals 44. What is the number?	<b>42</b>
9.	A number divided by 6 equals 6. What is the number?	<b>36</b>
10.	Sarah has 8 more stickers than Tom. If Sarah has 26 stickers, how many does Tom have?	<b>18</b>