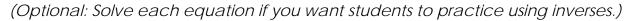
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## **Writing Equations from Word Problems**

## Part A: Addition and Subtraction Situations

Write an equation to represent each situation. Let the unknown number be x.

- 1. A number increased by 7 equals 15.
- 2. The sum of a number and 12 is 30.
- 3. A number decreased by 9 equals 5.
- 4. The difference between a number and 3 is 11.
- 5. A number minus 10 equals 25.





## Part B: Multiplication and Division Situations

Write an equation to represent each situation. Let the unknown number be x.

- 6. Three times a number equals 27.
- 7. A number divided by 5 equals 9.
- 8. Half of a number equals 14.
- 9. The quotient of a number and 8 is 6.
- 10. Four times a number equals 32.

## Part C: Mixed Operations (Two-Step)

Write an equation to represent each situation. Let the unknown number be x.

- 11. Twice a number increased by 3 equals 11.
- 12. A number divided by 4 decreased by 2 equals 5.
- 13. A number multiplied by 5, then reduced by 7, equals 18.
- 14. One-third of a number plus 6 equals 15.
- 15. Seven more than half a number equals 20.

