

# Express Missing Number Problems Algebraically

For each question, choose the correct equation to express the problem algebraically and use it to solve the problem.

Example:

12 more than a number is 34. What is the number?

$n + 12 = 34$

$n = 12 + 34$

$34 - 12 = n$

$n = 22$

1. 10 less than a number is 26. What is the number?

$n - 10 = 26$

$10 - n = 26$

$n = 26 - 10$

$n =$

2. 16 is added to a number to make 35. What is the number?

$35 + 16 = n$

$n + 16 = 35$

$35 = 16 + n$

$n =$

3. 15 is subtracted from a number to make 26. What is the number?

$26 - n = 15$

$15 - n = 26$

$n - 15 = 26$

$n =$

4. 17 more than a number is 43. What is the number?

$17 + n = 43$

$17 + 43 = n$

$n + 17 = 43$

$n =$

5. A number has 13 added to it to make 42. What is the number?

$13 + n = 42$

$42 = n + 13$

$n = 13 + 42$

$n =$

6. What number has 24 added to it to make 51?

$n - 24 = 51$

$24 + n = 51$

$n + 24 = 51$

$n =$

7. What number has 19 subtracted from it to make 25?

$n - 19 = 25$

$25 - n = 19$

$n - 25 = 19$

$n =$

8. 56 is the total of a number and 27. What is the number?

$n + 56 = 27$

$27 + 56 = n$

$27 + n = 56$

$n =$