

Name

Key

#15

**Translating and writing verbal expressions, equations, and inequalities
Practice - St. 7.3.1**

Directions: Translate these words into a correct mathematical expressions, equations, or inequalities. Please use "n" as your variable.

1. The quotient of eleven and a number. $11 \div n$
2. The sum of twelve and a number is twenty. $n + 12 = 20$
3. Twice a number minus fifty equals three hundred. $2n - 50 = 300$
4. The total of three and a number is greater than ten. $3 + n > 10$
5. Seventeen less than a number is less than five. $n - 17 < 5$
6. Forty-two increased by a number is seventy. $42 + n = 70$
7. The total of three and a number is equal to twelve. $3 + n = 12$
8. Thirty increased by a number. $30 + n$
9. The quotient of twenty-two and a number. $22 \div n$
10. Sixteen more than a number. $16 + n$
11. Twelve times a number is greater than or equal to four hundred. $12 \cdot n \geq 400$
12. Thirty-six less than a number is fifty. $n - 36 = 50$
13. Five minus a number. $5 - n$
14. The product of fourteen and a number is greater than sixty. $14 \cdot n > 60$
15. Ten less than a number is forty-five. $n - 10 = 45$