

Translating English into Mathematics

Write the following phrases as mathematical expressions or equations. Use “x” as the variable where a number is unknown.

Expressions:

1. Six times a number.
2. Four more than a number.
3. One hundred less than a number.

4. A fourth of a third of a number.
5. Three plus 2 times a number.
6. Twice a number less than eleven.

7. The sum of a number and ten.
8. A number plus a third of the number.
9. Half of a number.

Equations: (Do not solve for the variable)

10. A number minus twenty-six is eighteen.
11. Seven more than two times a number is thirteen.

12. Twelve less than twice a number is zero.
13. A number increased by two is twenty-six.

14. Five less than the product of 9 and a number is 22.
15. A number minus nine is negative 7.

16. The sum of a number and five times the same number is 12.
17. One-tenth of a number is twenty.

18. Thirteen less than twice a number is -5 .
19. Twice the sum of a certain number and 26 is 72.

20. Seventeen decreased by a number is -8 .
21. Ten less than the product of six and a number is 32.