Translate Between Words and Math

Write an expression.

1. Terry’s essay has 9 more pages than Stacey’s essay. If \( s \) represents the number of pages in Stacey’s essay, write an expression for the number of pages in Terry’s essay.

2. Let \( z \) represent the number of students in a class. Write an expression for the number of students in 3 equal groups.

Write each phrase as a numerical or algebraic expression.

3. 24 multiplied by 3
4. \( n \) multiplied by 14
5. \( w \) added to 64

6. the difference of 58 and 6
7. \( m \) subtracted from 100
8. the sum of 180 and 25

9. the product of 35 and \( x \)
10. the quotient of 63 and 9
11. 28 divided by \( p \)

Write two phrases for each expression.

12. \( n + 91 \)

13. \( 35 \div r \)

14. \( 20 - s \)

15. Charles is 3 years older than Paul. If \( y \) represents Paul’s age, what expression represents Charles’s age?

16. Maya bought some pizzas for $12 each. If \( p \) represents the number of pizzas she bought, what expression shows the total amount she spent?