

Write the axiom of equality or axiom of addition that justifies each statement. Assume all variables to be real numbers.

1. $(2x + 3y) + 5 = 5 + (2x + 3y)$.

2. $r + 0 = r$.

3. $c + 2$ is a real number.

4. $2t + (-2t) = 0$.

5. $(7 + 3) + 5 = (3 + 7) + 5$.

6. $m + (2n + p) = (m + 2n) + p$.

7. $2 + k$ is a real number.

8. $0 + (5x - 1) = 5x - 1$.

9. $(1 + rs) + 3t = 1 + (rs + 3t)$.

10. $(w - 2) + (2 - w) = 0$.

11. $f + g$ is a real number.

12. $-8 + 0 = -8$.

13. $(x + y) + (z + 5) = (x + y + z) + 5$.

14. $-20 + 20 = 0$.

15. $(10 + h) + (-50) = -50 + (10 + h)$.