

Simplifying Expressions

1. $(18 \div 9) + 7$

2. $(4 + 3) \times (9 - 2)$

3. $32 \div (8 + 8)$

4. $(26 - 17) \times (9 \div 3)$

5. $64 \div (5 + 1 + 2)$

6. $27 \div (3 \times 3) + 7$

Rewrite with parentheses to make each sentence true.

7. $42 + 12 \div 6 = 44$

8. $33 - 14 + 4 = 15$

9. $32 \div 8 \times 2 = 8$

Evaluate each expression for $w = 9$.

10. $72 \div (w + 0)$

11. $(12 + w) \div 3$

12. $(0 + w) \times 2$

13. Write an expression to show how much Gretchen paid for drama, action, and comedy videos if she paid \$4 each at a sale.

Gretchen's Video Purchases

Mystery	6
Action	3
Comedy	5
Drama	2
Romance	2

14. Which statement is true when
- $x = 7$
- ?

A $63 \div x = 21$

C $0 \div x = 7$

B $(x - 6) - (1 \times 1) = 1$

D $(2 + 7) \times (12 - x) = 45$

15. Evaluate the expression
- $7 + (32 \div 16) \times 4 - 6$
- . What steps did you use to find the answer?
