Order of Operations – PEMDAS Practice Worksheets

Remember, PEMDAS (Please Excuse My Dear Aunt Sally) stands for:

Parentheses
Exponents
Multiplication
Division
Addition
Subtraction

1. $14 + 18 \div 2 \times 18 - 7 =$
   $14 + 9 \times 18 - 7 =$
   $14 + 162 - 7 =$
   $14 + 162 - 7 =$
   $= \mathbf{169}$

2. $15 \times 18 + 12 \div 3 + 9 =$
   $270 + 4 + 9 =$
   $= \mathbf{283}$

3. $8 \times 4 + 9 - 9 + 18 =$
   $32 + 9 - 9 + 18 =$
   $= \mathbf{50}$

4. $11 \times 11 - 6 \times 17 + 4 =$
   $121 - 102 + 4 =$
   $= \mathbf{23}$

5. $2 - 1 + 5 \times 4 \times 11 =$
   $2 - 1 + 220 =$
   $= \mathbf{221}$

6. $12 \div 3 \times 12 + 10 =$
   $4 \times 12 + 10 =$
   $48 + 10 =$
   $= \mathbf{58}$

7. $(11 + 42 - 5) \div (11 - 5) =$
   $(48) \div (6) =$
   $= \mathbf{8}$

8. $(9 + 33 - 6) \div 6 - 3^2 =$
   $(36) \div 6 - 9 =$
   $6 - 9 =$
   $= \mathbf{-3}$

9. $10 \div 5 + 10 - 9 \times 11 =$
   $2 + 10 - 99 =$
   $= \mathbf{-87}$

10. $9 + 15 \div 5 \times 13 =$
    $2 + 3 \times 13 =$
    $2 + 39 =$
    $= \mathbf{41}$

11. $2 \times (9 \times 5 + 2^2) + 4 =$
    $2 + (9 \times 5 + 4) + 4 =$
    $2 + (45 + 4) + 4 =$
    $2 + (48) + 4 =$
    $= \mathbf{54}$

12. $(19 - 8) \times (10 + 4) + 8^2 =$
    $(11) \times (14) + 64 =$
    $154 + 64 =$
    $= \mathbf{218}$

13. $2 - 20 \div 5 \times 4 =$
    $2 - 4 \times 4 =$
    $2 - 16 =$
    $= \mathbf{-14}$

14. $18 \div 6 + 4 \times 15 =$
    $3 + 4 \times 15 =$
    $3 + 60 =$
    $= \mathbf{63}$

15. $24 \div 4 + 14 \times 2 =$
    $6 + 28 =$
    $= \mathbf{34}$