Order of Operations

Review:

ORDER OF OPERATIONS:

1. **P** Parentheses
   
   \( (7-1) \div 2 \)
   
   \( 6 \div 2 = 3 \)

2. **E** Exponents
   
   \( 2 \cdot 3^2 - 8 \)
   
   \( \frac{2 \cdot 9 - 8}{18 - 8} = 10 \)

3. **M/D** Multiplication and Division
   
   \( 4 + \frac{12 \div 3.5}{4 + 4.5} \)
   
   \( \frac{4 + 20}{4 + 20} = 24 \)

4. **A/S** Addition and Subtraction
   
   \( 16 - 9 + 4 \)
   
   \( \frac{7 + 4}{7 + 4} = 11 \)

Please Excuse My Dear Aunt Sally's Loud Radio.
Solve the following.

1. \( (8 - 6) + 10 \)

2. \( (9 + 5) - 4 \)

3. \( (5 \times 9) \div (10 + 5) \)

4. \( (8 \times 8) - (11 \times 4) \)

5. \( [(4 \times 16) + 8] + (9 \times 3) \)

6. \( [(40 \times 2) - 10] \div 5 \)

7. \( (16 \times 6) + (30 + 5) \)

CHALLENGE: Was that easy? If so, click here to see if Sasha’s answers are correct.