Order of Operations

Perform the operations in the correct order.

1. $\frac{5}{3} \times 3 + 6 \div \frac{3}{2} + 10 - 4$

6. $\left(2^3 - \left(\frac{1}{2} - 1 \times \frac{1}{2}\right)\right)^2$

2. $4^2 - 3 \times 2 \times \frac{7}{3} \div \frac{7}{6}$

7. $\frac{9}{2} - \left(5 - \left(\frac{8}{3} + 1 - \frac{1}{3}\right)\right) - 1$

3. $\left(\frac{11}{2} \times \frac{5}{3} - \left(\frac{9}{4} + \frac{10}{3}\right)\right)^{16}$

8. $3 \div \frac{3}{2} \times \left(2 - \frac{1}{2} + 11 + \frac{11}{2}\right)$

4. $\left(3 + \frac{10}{3} + \frac{1}{6} + 2 \times 2\right)^1$

9. $1 + 2 - \left(\frac{7}{3} - 4 \times \frac{1}{4}\right) \div 1$

5. $1 \div \left(\frac{3}{2} \times \left(1 \times \left(\frac{12}{5} - \frac{12}{5}\right) + 4\right)\right)$

10. $(6 - 2) \div \left(11 + 5 - \frac{3}{2}\right) + 1$

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Order of Operations Answers

Perform the operations in the correct order.

1. $\frac{5}{3} \times 3 + 6 \div \frac{3}{2} + 10 - 4$
$= 15$

2. $4^2 - 3 \times 2 \times \frac{7}{3} \div \frac{7}{6}$
$= 4$

3. $\left(\frac{11}{2} \times \frac{5}{3} - \left(\frac{9}{4} + \frac{10}{3}\right)\right)^{16}$
$= \frac{43}{12}$

4. $\left(3 + \frac{10}{3} + \frac{1}{6} + 2 \times 2\right)^1$
$= \frac{21}{2}$

5. $1 \div \left(\frac{3}{2} \times \left(1 \times \left(\frac{12}{5} - \frac{12}{5}\right) + 4\right)\right)$
$= \frac{1}{6}$

6. $\left(2^3 - \left(\frac{1}{2} - 1 \times \frac{1}{2}\right)\right)^2$
$= 64$

7. $\frac{9}{2} - \left(5 - \left(\frac{8}{3} + 1 - \frac{1}{3}\right)\right) - 1$
$= \frac{11}{6}$

8. $3 \div \frac{3}{2} \times \left(2 - \frac{1}{2} + 11 + \frac{11}{2}\right)$
$= 36$

9. $1 + 2 - \left(\frac{7}{3} - 4 \times \frac{1}{4}\right) \div 1$
$= \frac{5}{3}$

10. $(6 - 2) \div \left(11 + 5 - \frac{3}{2}\right) + 1$
$= \frac{37}{29}$