Order of Operations (F)

Perform the operations in the correct order.

1. $\left(\frac{4}{3} \div \frac{8}{5} \div \frac{1}{4}\right)^{2}$

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

3. $(-2)^{4}+(-1)+\frac{1}{3}$

4. $\frac{2}{3} \div (-4)-\left(\frac{1}{5}-\frac{8}{5}\right)$

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

6. $(-2)^{6} \div (-4) \div \frac{8}{3}$

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

8. $(7-4)^{2} \times \left(-\frac{5}{6}\right)$

9. $\frac{2}{3} \times 6+\frac{2}{3}-\left(-\frac{5}{3}\right)$

10. $\frac{9}{4}-\left(\left(-\frac{9}{4}\right) \div (-3)-\frac{1}{6}\right)$

Order of Operations (F) Answers

Perform the operations in the correct order.

1. $\left(\frac{4}{3} \div \frac{8}{5} \div \frac{1}{4}\right)^2$
$= \frac{100}{9}$

2. $(-1+(-1)-2) \times \left(-\frac{12}{5}\right)$
$= \frac{48}{5}$

3. $(-2)^4+(-1)+\frac{1}{3}$
$= \frac{46}{3}$

4. $\frac{2}{3} \div (-4) - \left(\frac{1}{5} - \frac{8}{5}\right)$
$= \frac{37}{30}$

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

6. $(-2)^6 \div (-4) \div \frac{8}{3}$
$= -6$

7. $\left(-1+\left(-\frac{2}{3}\right)\right)^{-\frac{5}{2}-\left(-\frac{9}{2}\right)}$
$= \frac{25}{9}$

8. $(7-4)^2 \times \left(-\frac{5}{6}\right)$
$= -\frac{15}{2}$

9. $\frac{2}{3} \times 6 + \frac{2}{3} - \left(-\frac{5}{3}\right)$
$= \frac{19}{3}$

10. $\frac{9}{4} - \left(\left(-\frac{9}{4}\right) \div (-3) - \frac{1}{6}\right)$
$= \frac{5}{3}$