

Orden de Operaciones (A)

Realice las operaciones en el orden correcto.

1. $\frac{1}{2} \times \frac{3}{4} \div \frac{1}{4} \div \frac{8}{3} \div (\frac{1}{3} \times \frac{3}{5})$

6. $(\frac{10}{3} + \frac{10}{3} - 2) \times \frac{1}{8} \div (\frac{2}{3} \div \frac{8}{11})$

2. $\frac{2}{7} + \frac{4}{5} - (\frac{11}{6} - 11 \times (\frac{11}{12} - \frac{3}{4}))$

7. $(\frac{4}{7} \times 4 + \frac{1}{6} + \frac{1}{6}) \div (\frac{8}{9} - \frac{2}{9})$

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

8. $\frac{11}{12} + \frac{11}{8} - (\frac{7}{12} - \frac{7}{12}) \div (\frac{3}{2} - \frac{2}{3})$

4. $\frac{4}{3} - \frac{3}{4} \times \frac{5}{9} \div \frac{5}{8} \times \frac{3}{11} \div \frac{2}{5}$

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

5. $(\frac{4}{3} - \frac{4}{3} \times \frac{5}{12}) \times (\frac{5}{8} + \frac{1}{2}) \times 5$

10. $\frac{3}{2} \div ((\frac{3}{2} + \frac{7}{10}) \div (\frac{11}{6} \div (\frac{2}{3} \div 3)))$

Orden de Operaciones (A) Respuestas

Realice las operaciones en el orden correcto.

$$1. \frac{1}{2} \times \frac{3}{4} \div \frac{1}{4} \div \frac{8}{3} \div \left(\frac{1}{3} \times \frac{3}{5}\right) \\ = \frac{45}{16} = 2\frac{13}{16}$$

$$6. \left(\frac{10}{3} + \frac{10}{3} - 2\right) \times \frac{1}{8} \div \left(\frac{2}{3} \div \frac{8}{11}\right) \\ = \frac{7}{11}$$

$$2. \frac{2}{7} + \frac{4}{5} - \left(\frac{11}{6} - 11 \times \left(\frac{11}{12} - \frac{3}{4}\right)\right) \\ = \frac{38}{35} = 1\frac{3}{35}$$

$$7. \left(\frac{4}{7} \times 4 + \frac{1}{6} + \frac{1}{6}\right) \div \left(\frac{8}{9} - \frac{2}{9}\right) \\ = \frac{55}{14} = 3\frac{13}{14}$$

$$3. \frac{4}{9} \div \left(\frac{4}{3} - \frac{3}{4}\right) + 1 + \frac{3}{7} \times \frac{2}{3} \\ = \frac{43}{21} = 2\frac{1}{21}$$

$$8. \frac{11}{12} + \frac{11}{8} - \left(\frac{7}{12} - \frac{7}{12}\right) \div \left(\frac{3}{2} - \frac{2}{3}\right) \\ = \frac{55}{24} = 2\frac{7}{24}$$

$$4. \frac{4}{3} - \frac{3}{4} \times \frac{5}{9} \div \frac{5}{8} \times \frac{3}{11} \div \frac{2}{5} \\ = \frac{29}{33}$$

$$9. \frac{7}{3} \times \frac{3}{2} \div \left(\left(\frac{5}{4} + \frac{2}{5}\right) \times \frac{1}{3} + 1\right) \\ = \frac{70}{31} = 2\frac{8}{31}$$

$$5. \left(\frac{4}{3} - \frac{4}{3} \times \frac{5}{12}\right) \times \left(\frac{5}{8} + \frac{1}{2}\right) \times 5 \\ = \frac{35}{8} = 4\frac{3}{8}$$

$$10. \frac{3}{2} \div \left(\left(\frac{3}{2} + \frac{7}{10}\right) \div \left(\frac{11}{6} \div \left(\frac{2}{3} \div 3\right)\right)\right) \\ = \frac{45}{8} = 5\frac{5}{8}$$

Orden de Operaciones (B)

Realice las operaciones en el orden correcto.

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

6. $\frac{9}{8} + (\frac{1}{6} + \frac{3}{2} - \frac{3}{8}) \div (3 \times \frac{1}{9})$

2. $\frac{1}{3} + \frac{3}{2} \times \frac{2}{11} \div ((\frac{4}{5} - \frac{1}{2}) \div \frac{1}{2})$

7. $\frac{8}{3} + \frac{1}{2} + 3 + \frac{1}{3} - \frac{8}{7} + \frac{6}{7}$

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

8. $\frac{9}{10} \div \frac{5}{2} \times \frac{1}{4} \times 10 \div (\frac{3}{2} \div \frac{2}{7})$

4. $\frac{2}{5} \div (\frac{7}{9} \div \frac{5}{6} \div (1 - \frac{1}{3}) \div \frac{4}{3})$

9. $\frac{1}{6} + 1 - (\frac{1}{2} \times \frac{1}{4} + \frac{1}{4} + \frac{5}{12})$

5. $\frac{7}{5} \times (\frac{10}{7} - \frac{2}{3} - \frac{1}{3}) \times (\frac{3}{8} + \frac{11}{8})$

10. $(\frac{4}{3} + \frac{4}{3} \div \frac{4}{7}) \times \frac{10}{7} \div \frac{10}{7} \div \frac{12}{5}$

Orden de Operaciones (B) Respuestas

Realice las operaciones en el orden correcto.

$$1. 1 \times \frac{2}{3} - \frac{4}{5} \times \frac{1}{2} \div \left(\frac{4}{5} \times \frac{4}{5}\right) \\ = \frac{1}{24}$$

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

$$2. \frac{1}{3} + \frac{3}{2} \times \frac{2}{11} \div \left(\left(\frac{4}{5} - \frac{1}{2}\right) \div \frac{1}{2}\right) \\ = \frac{26}{33}$$

$$7. \frac{8}{3} + \frac{1}{2} + 3 + \frac{1}{3} - \frac{8}{7} + \frac{6}{7} \\ = \frac{87}{14} = 6\frac{3}{14}$$

$$3. \frac{1}{3} \div \frac{1}{10} \times \frac{3}{2} \times \frac{2}{3} \times \frac{4}{3} + 3 \\ = \frac{67}{9} = 7\frac{4}{9}$$

$$8. \frac{9}{10} \div \frac{5}{2} \times \frac{1}{4} \times 10 \div \left(\frac{3}{2} \div \frac{2}{7}\right) \\ = \frac{6}{35}$$

$$4. \frac{2}{5} \div \left(\frac{7}{9} \div \frac{5}{6} \div \left(1 - \frac{1}{3}\right) \div \frac{4}{3}\right) \\ = \frac{8}{21}$$

$$9. \frac{1}{6} + 1 - \left(\frac{1}{2} \times \frac{1}{4} + \frac{1}{4} + \frac{5}{12}\right) \\ = \frac{3}{8}$$

$$5. \frac{7}{5} \times \left(\frac{10}{7} - \frac{2}{3} - \frac{1}{3}\right) \times \left(\frac{3}{8} + \frac{11}{8}\right) \\ = \frac{21}{20} = 1\frac{1}{20}$$

$$10. \left(\frac{4}{3} + \frac{4}{3} \div \frac{4}{7}\right) \times \frac{10}{7} \div \frac{10}{7} \div \frac{12}{5} \\ = \frac{55}{36} = 1\frac{19}{36}$$

Orden de Operaciones (C)

Realice las operaciones en el orden correcto.

1. $\frac{7}{4} \times \frac{4}{5} \times \frac{8}{9} \times (6 - \frac{9}{8}) \times \frac{5}{7}$

6. $\frac{1^4}{2} \div (\frac{5}{4} - (\frac{3}{2} - \frac{1}{4}) + \frac{1}{3})$

2. $\frac{11}{5} \div (\frac{9}{4} - \frac{4}{3}) \div (1 \times \frac{5}{3} - \frac{1}{2})$

7. $\frac{1}{6} \div \frac{1}{8} + \frac{1}{2} + \frac{1}{6} + \frac{7}{6} \div \frac{3}{2}$

3. $\frac{5}{6} \times \frac{1}{2} + \frac{9}{4} - (\frac{1}{6} + \frac{5}{4} - \frac{2}{3})$

8. $\frac{5}{12} \times \frac{4}{5} \div \frac{3}{2} \div (\frac{2}{3} \times \frac{9}{7} \times \frac{10}{9})$

4. $\frac{5}{4} + \frac{3}{4} \times (\frac{4}{5} + 6) - \frac{9}{5} \div \frac{1}{2}$

9. $(\frac{11}{6} + \frac{1}{4}) \div (\frac{5}{6} \div \frac{1}{10}) \div (4 + \frac{3}{4})$

5. $\frac{1}{2} \times \frac{7}{5} \times \frac{2}{7} \div (\frac{6}{5} \times 1 \times \frac{2}{3})$

10. $\frac{7}{2} \times \frac{3}{8} \times \frac{3}{2} \times \frac{5}{3} \times \frac{9}{5} \div 3$

Orden de Operaciones (C) Respuestas

Realice las operaciones en el orden correcto.

$$1. \frac{7}{4} \times \frac{4}{5} \times \frac{8}{9} \times (6 - \frac{9}{8}) \times \frac{5}{7} \\ = \frac{13}{3} = 4\frac{1}{3}$$

$$6. \frac{1}{2}^4 \div (\frac{5}{4} - (\frac{3}{2} - \frac{1}{4}) + \frac{1}{3}) \\ = \frac{3}{16}$$

$$2. \frac{11}{5} \div (\frac{9}{4} - \frac{4}{3}) \div (1 \times \frac{5}{3} - \frac{1}{2}) \\ = \frac{72}{35} = 2\frac{2}{35}$$

$$7. \frac{1}{6} \div \frac{1}{8} + \frac{1}{2} + \frac{1}{6} + \frac{7}{6} \div \frac{3}{2} \\ = \frac{25}{9} = 2\frac{7}{9}$$

$$3. \frac{5}{6} \times \frac{1}{2} + \frac{9}{4} - (\frac{1}{6} + \frac{5}{4} - \frac{2}{3}) \\ = \frac{23}{12} = 1\frac{11}{12}$$

$$8. \frac{5}{12} \times \frac{4}{5} \div \frac{3}{2} \div (\frac{2}{3} \times \frac{9}{7} \times \frac{10}{9}) \\ = \frac{7}{30}$$

$$4. \frac{5}{4} + \frac{3}{4} \times (\frac{4}{5} + 6) - \frac{9}{5} \div \frac{1}{2} \\ = \frac{11}{4} = 2\frac{3}{4}$$

$$9. (\frac{11}{6} + \frac{1}{4}) \div (\frac{5}{6} \div \frac{1}{10}) \div (4 + \frac{3}{4}) \\ = \frac{1}{19}$$

$$5. \frac{1}{2} \times \frac{7}{5} \times \frac{2}{7} \div (\frac{6}{5} \times 1 \times \frac{2}{3}) \\ = \frac{1}{4}$$

$$10. \frac{7}{2} \times \frac{3}{8} \times \frac{3}{2} \times \frac{5}{3} \times \frac{9}{5} \div 3 \\ = \frac{63}{32} = 1\frac{31}{32}$$

Orden de Operaciones (D)

Realice las operaciones en el orden correcto.

1. $(\frac{11}{4} - \frac{3}{2}) \div (\frac{5}{6} + \frac{1}{3} - (\frac{1}{8} + \frac{1}{12}))$

6. $\frac{2}{5} + \frac{5}{6} \div (\frac{1}{7} + \frac{3}{4}) + 2 + \frac{3}{5}$

2. $\frac{3}{4} \times (\frac{8}{5} + \frac{2}{3} \times 2) \times \frac{5}{7} \div \frac{1}{3}$

7. $\frac{1}{2} + \frac{7}{12} \times \frac{1}{2} + \frac{1}{3} \times 4 \times \frac{1}{2}$

3. $\frac{4}{5} \div 4 \div \frac{1}{2} + \frac{9}{4} - \frac{5}{3} \div \frac{4}{3}$

8. $\frac{1}{2} \div 3 \div \frac{3}{11} \times \frac{9}{2} \div \frac{1}{4} \times \frac{4}{5}$

4. $\frac{7}{9} + \frac{7}{2} + \frac{12}{5} \times \frac{5}{3} \times \frac{1}{2} - \frac{5}{3}$

9. $5 \div \frac{11}{8} \div (\frac{1}{3} + (\frac{7}{9} - \frac{1}{3}) \times \frac{5}{4})$

5. $\frac{9}{7} \div \frac{2}{5} \div (\frac{2}{3} \div \frac{4}{3})^{\frac{11}{2} \times \frac{4}{11}}$

10. $\frac{11}{8} \div \frac{3}{4} - \frac{1}{10} \times 12 \div (\frac{3}{5} \times \frac{5}{4})$

Orden de Operaciones (D) Respuestas

Realice las operaciones en el orden correcto.

$$1. \left(\frac{11}{4} - \frac{3}{2}\right) \div \left(\frac{5}{6} + \frac{1}{3} - \left(\frac{1}{8} + \frac{1}{12}\right)\right) \\ = \frac{30}{23} = 1\frac{7}{23}$$

$$6. \frac{2}{5} + \frac{5}{6} \div \left(\frac{1}{7} + \frac{3}{4}\right) + 2 + \frac{3}{5} \\ = \frac{59}{15} = 3\frac{14}{15}$$

$$2. \frac{3}{4} \times \left(\frac{8}{5} + \frac{2}{3} \times 2\right) \times \frac{5}{7} \div \frac{1}{3} \\ = \frac{33}{7} = 4\frac{5}{7}$$

$$7. \frac{1}{2} + \frac{7}{12} \times \frac{1}{2} + \frac{1}{3} \times 4 \times \frac{1}{2} \\ = \frac{35}{24} = 1\frac{11}{24}$$

$$3. \frac{4}{5} \div 4 \div \frac{1}{2} + \frac{9}{4} - \frac{5}{3} \div \frac{4}{3} \\ = \frac{7}{5} = 1\frac{2}{5}$$

$$8. \frac{1}{2} \div 3 \div \frac{3}{11} \times \frac{9}{2} \div \frac{1}{4} \times \frac{4}{5} \\ = \frac{44}{5} = 8\frac{4}{5}$$

$$4. \frac{7}{9} + \frac{7}{2} + \frac{12}{5} \times \frac{5}{3} \times \frac{1}{2} - \frac{5}{3} \\ = \frac{83}{18} = 4\frac{11}{18}$$

$$9. 5 \div \frac{11}{8} \div \left(\frac{1}{3} + \left(\frac{7}{9} - \frac{1}{3}\right) \times \frac{5}{4}\right) \\ = \frac{45}{11} = 4\frac{1}{11}$$

$$5. \frac{9}{7} \div \frac{2}{5} \div \left(\frac{2}{3} \div \frac{4}{3}\right)^{\frac{11}{2} \times \frac{4}{11}} \\ = \frac{90}{7} = 12\frac{6}{7}$$

$$10. \frac{11}{8} \div \frac{3}{4} - \frac{1}{10} \times 12 \div \left(\frac{3}{5} \times \frac{5}{4}\right) \\ = \frac{7}{30}$$

Orden de Operaciones (E)

Realice las operaciones en el orden correcto.

1. $\frac{3}{2}^{\frac{3}{4} \div \frac{3}{8}} - (\frac{1}{2} + 1 + \frac{1}{8})$

6. $\frac{7}{8} \div (12 \times \frac{1}{2} + \frac{9}{2}) - (\frac{5}{4} - \frac{7}{6})$

2. $(2 \times \frac{11}{12} + \frac{3}{4} - \frac{1}{2} \div \frac{3}{10}) \div \frac{3}{2}$

7. $\frac{4}{3} + (\frac{1}{2} + \frac{2}{3}) \div (\frac{2}{3} \div (\frac{6}{5} + \frac{2}{3}))$

3. $(\frac{11}{2} + \frac{1}{6}) \div ((\frac{3}{8} + \frac{1}{4} + \frac{1}{6}) \times \frac{8}{3})$

8. $\frac{1}{3} - \frac{3}{10} + 3 - \frac{1}{2} - \frac{3}{10} \div \frac{1}{4}$

4. $\frac{1}{3} \div (\frac{5}{6} \times \frac{4}{9}) \div (\frac{3}{2} \div \frac{1}{11} \times \frac{12}{11})$

9. $(\frac{1}{2} \times \frac{4}{5} + \frac{1}{3}) \times \frac{6}{7} \times 10 \div \frac{12}{5}$

5. $5 - \frac{2}{3} - (\frac{5}{2} \times \frac{1}{2} \times \frac{1}{2} - \frac{1}{3})$

10. $(6 - \frac{11}{2}) \div (\frac{10}{11} - \frac{1}{2}) \times (\frac{4}{5} - \frac{4}{5})$

Orden de Operaciones (E) Respuestas

Realice las operaciones en el orden correcto.

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

$$6. \frac{7}{8} \div \left(12 \times \frac{1}{2} + \frac{9}{2}\right) - \left(\frac{5}{4} - \frac{7}{6}\right) \\ = 0$$

$$2. \left(2 \times \frac{11}{12} + \frac{3}{4} - \frac{1}{2} \div \frac{3}{10}\right) \div \frac{3}{2} \\ = \frac{11}{18}$$

$$7. \frac{4}{3} + \left(\frac{1}{2} + \frac{2}{3}\right) \div \left(\frac{2}{3} \div \left(\frac{6}{5} + \frac{2}{3}\right)\right) \\ = \frac{23}{5} = 4\frac{3}{5}$$

$$3. \left(\frac{11}{2} + \frac{1}{6}\right) \div \left(\left(\frac{3}{8} + \frac{1}{4} + \frac{1}{6}\right) \times \frac{8}{3}\right) \\ = \frac{51}{19} = 2\frac{13}{19}$$

$$8. \frac{1}{3} - \frac{3}{10} + 3 - \frac{1}{2} - \frac{3}{10} \div \frac{1}{4} \\ = \frac{4}{3} = 1\frac{1}{3}$$

$$4. \frac{1}{3} \div \left(\frac{5}{6} \times \frac{4}{9}\right) \div \left(\frac{3}{2} \div \frac{1}{11} \times \frac{12}{11}\right) \\ = \frac{1}{20}$$

$$9. \left(\frac{1}{2} \times \frac{4}{5} + \frac{1}{3}\right) \times \frac{6}{7} \times 10 \div \frac{12}{5} \\ = \frac{55}{21} = 2\frac{13}{21}$$

$$5. 5 - \frac{2}{3} - \left(\frac{5}{2} \times \frac{1}{2} \times \frac{1}{2} - \frac{1}{3}\right) \\ = \frac{97}{24} = 4\frac{1}{24}$$

$$10. \left(6 - \frac{11}{2}\right) \div \left(\frac{10}{11} - \frac{1}{2}\right) \times \left(\frac{4}{5} - \frac{4}{5}\right) \\ = 0$$

Orden de Operaciones (F)

Realice las operaciones en el orden correcto.

1. $\frac{7}{12} \times \frac{9}{7} \div \frac{1}{4} - \frac{1}{4} \div \frac{7}{10} \times \frac{5}{2}$

6. $\frac{2}{3} + \left(\frac{11}{12} - \frac{5}{12} + \frac{1}{7}\right) \times \frac{4}{5} \times \frac{7}{6}$

2. $\frac{10}{3} + \frac{3}{8} \times \frac{4}{3} \times \left(\frac{3}{2} \times \frac{1}{4} + \frac{9}{8}\right)$

7. $\frac{1}{2} \times \frac{5}{8} \times \frac{4}{5} \div \frac{11}{12} + \frac{5}{9} \div \frac{5}{6}$

3. $\left(\frac{9}{5} - \frac{2}{5} \times \frac{5}{2}\right) \times \frac{3}{5} \times 3 \times \frac{1}{12}$

8. $\frac{1}{2} \div 1 + \frac{1}{6} + \frac{2}{5} - \frac{1}{3} + \frac{2}{5}$

4. $\frac{7}{6} \times \left(\frac{5}{6} \times \frac{5}{6} - \frac{5}{12} \times \frac{2}{3} + \frac{1}{3}\right)$

9. $\frac{2}{3} \times \frac{9}{4} \times 1 + \frac{7}{10} \div \left(\frac{3}{5} \div \frac{1}{5}\right)$

5. $\frac{2}{3} \div \left(\frac{2}{5} \div \left(\frac{1}{2} + \frac{3}{10}\right)\right) \times \frac{7}{8} \div \frac{4}{5}$

10. $\frac{6}{7} \div \left(\left(\frac{4}{3} - \frac{2}{3}\right) \times 1 + \frac{5}{7} \div \frac{3}{5}\right)$

Orden de Operaciones (F) Respuestas

Realice las operaciones en el orden correcto.

$$1. \frac{7}{12} \times \frac{9}{7} \div \frac{1}{4} - \frac{1}{4} \div \frac{7}{10} \times \frac{5}{2} \\ = \frac{59}{28} = 2\frac{3}{28}$$

$$6. \frac{2}{3} + \left(\frac{11}{12} - \frac{5}{12} + \frac{1}{7}\right) \times \frac{4}{5} \times \frac{7}{6} \\ = \frac{19}{15} = 1\frac{4}{15}$$

$$2. \frac{10}{3} + \frac{3}{8} \times \frac{4}{3} \times \left(\frac{3}{2} \times \frac{1}{4} + \frac{9}{8}\right) \\ = \frac{49}{12} = 4\frac{1}{12}$$

$$7. \frac{1}{2} \times \frac{5}{8} \times \frac{4}{5} \div \frac{11}{12} + \frac{5}{9} \div \frac{5}{6} \\ = \frac{31}{33}$$

$$3. \left(\frac{9}{5} - \frac{2}{5} \times \frac{5}{2}\right) \times \frac{3}{5} \times 3 \times \frac{1}{12} \\ = \frac{3}{25}$$

$$8. \frac{1}{2} \div 1 + \frac{1}{6} + \frac{2}{5} - \frac{1}{3} + \frac{2}{5} \\ = \frac{17}{15} = 1\frac{2}{15}$$

$$4. \frac{7}{6} \times \left(\frac{5}{6} \times \frac{5}{6} - \frac{5}{12} \times \frac{2}{3} + \frac{1}{3}\right) \\ = \frac{7}{8}$$

$$9. \frac{2}{3} \times \frac{9}{4} \times 1 + \frac{7}{10} \div \left(\frac{3}{5} \div \frac{1}{5}\right) \\ = \frac{26}{15} = 1\frac{11}{15}$$

$$5. \frac{2}{3} \div \left(\frac{2}{5} \div \left(\frac{1}{2} + \frac{3}{10}\right)\right) \times \frac{7}{8} \div \frac{4}{5} \\ = \frac{35}{24} = 1\frac{11}{24}$$

$$10. \frac{6}{7} \div \left(\left(\frac{4}{3} - \frac{2}{3}\right) \times 1 + \frac{5}{7} \div \frac{3}{5}\right) \\ = \frac{6}{13}$$

Orden de Operaciones (G)

Realice las operaciones en el orden correcto.

1. $(\frac{3}{2} + \frac{4}{3} + \frac{1}{6} + \frac{7}{2} + \frac{3}{2}) \times 1$

6. $(\frac{5}{3} - \frac{11}{3} \times \frac{9}{8} \div (\frac{1}{2} + \frac{11}{5})) \div 1$

2. $\frac{2}{5} \times 1 \times (\frac{4}{3} + \frac{2}{3}) \times \frac{1}{6} \div \frac{7}{3}$

7. $\frac{7}{4} - 1 + \frac{11}{3} \div \frac{8}{5} + \frac{11}{6} + \frac{1}{2}$

3. $\frac{1}{2} \div \frac{5}{12} + \frac{1}{2} \div \frac{5}{4} \times \frac{3}{2} \times \frac{1}{5}$

8. $(\frac{5}{3} + 6) \times \frac{1}{6} + \frac{11}{12} \times \frac{1}{2} \div \frac{1}{2}$

4. $\frac{9}{2} \times \frac{6}{5} \times \frac{5}{6} \times \frac{2}{9} + \frac{7}{2} - \frac{2}{3}$

9. $\frac{4}{3} \div ((\frac{5}{2} - \frac{3}{2} \div \frac{3}{4}) \div (\frac{1}{2} + \frac{4}{3}))$

5. $\frac{3}{2} + \frac{4}{5} - (1 - \frac{3}{4}) \div (\frac{3}{2} - \frac{6}{5})$

10. $(\frac{1}{2} - \frac{1}{2}) \div (\frac{10}{7} - \frac{1}{4}) \times \frac{5}{2} \div \frac{2}{5}$

Orden de Operaciones (G) Respuestas

Realice las operaciones en el orden correcto.

$$1. \left(\frac{3}{2} + \frac{4}{3} + \frac{1}{6} + \frac{7}{2} + \frac{3}{2}\right) \times 1 \\ = 8$$

$$6. \left(\frac{5}{3} - \frac{11}{3} \times \frac{9}{8} \div \left(\frac{1}{2} + \frac{11}{5}\right)\right) \div 1 \\ = \frac{5}{36}$$

$$2. \frac{2}{5} \times 1 \times \left(\frac{4}{3} + \frac{2}{3}\right) \times \frac{1}{6} \div \frac{7}{3} \\ = \frac{2}{35}$$

$$7. \frac{7}{4} - 1 + \frac{11}{3} \div \frac{8}{5} + \frac{11}{6} + \frac{1}{2} \\ = \frac{43}{8} = 5\frac{3}{8}$$

$$3. \frac{1}{2} \div \frac{5}{12} + \frac{1}{2} \div \frac{5}{4} \times \frac{3}{2} \times \frac{1}{5} \\ = \frac{33}{25} = 1\frac{8}{25}$$

$$8. \left(\frac{5}{3} + 6\right) \times \frac{1}{6} + \frac{11}{12} \times \frac{1}{2} \div \frac{1}{2} \\ = \frac{79}{36} = 2\frac{7}{36}$$

$$4. \frac{9}{2} \times \frac{6}{5} \times \frac{5}{6} \times \frac{2}{9} + \frac{7}{2} - \frac{2}{3} \\ = \frac{23}{6} = 3\frac{5}{6}$$

$$9. \frac{4}{3} \div \left(\left(\frac{5}{2} - \frac{3}{2} \div \frac{3}{4}\right) \div \left(\frac{1}{2} + \frac{4}{3}\right)\right) \\ = \frac{44}{9} = 4\frac{8}{9}$$

$$5. \frac{3}{2} + \frac{4}{5} - \left(1 - \frac{3}{4}\right) \div \left(\frac{3}{2} - \frac{6}{5}\right) \\ = \frac{22}{15} = 1\frac{7}{15}$$

$$10. \left(\frac{1}{2} - \frac{1}{2}\right) \div \left(\frac{10}{7} - \frac{1}{4}\right) \times \frac{5}{2} \div \frac{2}{5} \\ = 0$$

Orden de Operaciones (H)

Realice las operaciones en el orden correcto.

1. $\frac{5}{3} \div \frac{1}{4} - \frac{1}{2} + 10 \div \frac{10}{9} - \frac{8}{3}$

6. $(\frac{2}{3} \times 2 \div \frac{8}{9} - \frac{3}{5} \div \frac{7}{5}) \times \frac{1}{2}$

2. $(5 \times (\frac{4}{5} - \frac{1}{4}) - \frac{1}{2} \times \frac{1}{4}) \times \frac{1}{7}$

7. $(\frac{5}{2} \times \frac{4}{5} - \frac{6}{5}) \times (\frac{4}{5} \times \frac{1}{4} + \frac{4}{5})$

3. $\frac{8}{5} - \frac{3}{5} - \frac{4}{5} \times \frac{9}{10} \times \frac{4}{3} \div 6$

8. $2 \div \frac{5}{7} + \frac{9}{5} \times \frac{5}{3} \div \frac{1}{2} \times \frac{2}{3}$

4. $\frac{3}{4} \times \frac{8}{5} \div \frac{1}{5} \times (\frac{1}{6} + \frac{1}{2}) \div \frac{1}{4}$

9. $(\frac{3}{2} + \frac{5}{7} \times \frac{1}{2} + \frac{9}{7} \times \frac{6}{5}) \times \frac{10}{3}$

5. $\frac{9}{8} \times ((\frac{3}{10} + \frac{2}{5} + \frac{3}{4}) \div \frac{6}{5} - \frac{3}{8})$

10. $\frac{10}{3} - \frac{7}{12} - (\frac{10}{3} - 2 \div \frac{6}{5}) \div \frac{5}{3}$

Orden de Operaciones (H) Respuestas

Realice las operaciones en el orden correcto.

$$1. \frac{5}{3} \div \frac{1}{4} - \frac{1}{2} + 10 \div \frac{10}{9} - \frac{8}{3} \\ = \frac{25}{2} = 12\frac{1}{2}$$

$$6. \left(\frac{2}{3} \times 2 \div \frac{8}{9} - \frac{3}{5} \div \frac{7}{5}\right) \times \frac{1}{2} \\ = \frac{15}{28}$$

$$2. \left(5 \times \left(\frac{4}{5} - \frac{1}{4}\right) - \frac{1}{2} \times \frac{1}{4}\right) \times \frac{1}{7} \\ = \frac{3}{8}$$

$$7. \left(\frac{5}{2} \times \frac{4}{5} - \frac{6}{5}\right) \times \left(\frac{4}{5} \times \frac{1}{4} + \frac{4}{5}\right) \\ = \frac{4}{5}$$

$$3. \frac{8}{5} - \frac{3}{5} - \frac{4}{5} \times \frac{9}{10} \times \frac{4}{3} \div 6 \\ = \frac{21}{25}$$

$$8. 2 \div \frac{5}{7} + \frac{9}{5} \times \frac{5}{3} \div \frac{1}{2} \times \frac{2}{3} \\ = \frac{34}{5} = 6\frac{4}{5}$$

$$4. \frac{3}{4} \times \frac{8}{5} \div \frac{1}{5} \times \left(\frac{1}{6} + \frac{1}{2}\right) \div \frac{1}{4} \\ = 16$$

$$9. \left(\frac{3}{2} + \frac{5}{7} \times \frac{1}{2} + \frac{9}{7} \times \frac{6}{5}\right) \times \frac{10}{3} \\ = \frac{34}{3} = 11\frac{1}{3}$$

$$5. \frac{9}{8} \times \left(\left(\frac{3}{10} + \frac{2}{5} + \frac{3}{4}\right) \div \frac{6}{5} - \frac{3}{8}\right) \\ = \frac{15}{16}$$

$$10. \frac{10}{3} - \frac{7}{12} - \left(\frac{10}{3} - 2 \div \frac{6}{5}\right) \div \frac{5}{3} \\ = \frac{7}{4} = 1\frac{3}{4}$$

Orden de Operaciones (I)

Realice las operaciones en el orden correcto.

1. $\frac{3}{4} \div \frac{1}{8} \times (\frac{5}{3} + \frac{1}{3}) \div (1 \times \frac{1}{4})$

6. $(\frac{5}{6} \div \frac{6}{7} - \frac{2}{9}) \div \frac{1}{4} + \frac{3}{2} - \frac{3}{7}$

2. $\frac{4}{3} + \frac{3}{4} + \frac{7}{12} + \frac{7}{2} \div (1 \div \frac{1}{12})$

7. $\frac{12}{5} - (\frac{5}{6} - \frac{5}{6} + \frac{2}{3} \times \frac{6}{5} - \frac{2}{5})$

3. $4 \div (\frac{4}{7} \div \frac{3}{7} \times \frac{2}{3}) + \frac{12}{5} + \frac{3}{2}$

8. $(\frac{5}{3} + \frac{5}{3}) \div \frac{11}{4} \div (\frac{5}{11} \div 1 \div \frac{1}{2})$

4. $\frac{10}{7} \div ((\frac{10}{7} \times 3 - (\frac{9}{4} + \frac{1}{4})) \times \frac{1}{2})$

9. $\frac{1}{6} \div \frac{5}{9} \times 11 \times \frac{7}{6} \div (\frac{1}{2} \div \frac{12}{7})$

5. $\frac{5}{4} - \frac{1}{12} \times \frac{2}{3} + \frac{10}{9} - \frac{2}{3} \div 12$

10. $\frac{3}{2} \times 8 \div (\frac{5}{3} + \frac{7}{3}) - (\frac{5}{4} + \frac{3}{4})$

Orden de Operaciones (I) Respuestas

Realice las operaciones en el orden correcto.

$$1. \frac{3}{4} \div \frac{1}{8} \times \left(\frac{5}{3} + \frac{1}{3}\right) \div \left(1 \times \frac{1}{4}\right) \\ = 48$$

$$6. \left(\frac{5}{6} \div \frac{6}{7} - \frac{2}{9}\right) \div \frac{1}{4} + \frac{3}{2} - \frac{3}{7} \\ = \frac{57}{14} = 4\frac{1}{14}$$

$$2. \frac{4}{3} + \frac{3}{4} + \frac{7}{12} + \frac{7}{2} \div \left(1 \div \frac{1}{12}\right) \\ = \frac{71}{24} = 2\frac{23}{24}$$

$$7. \frac{12}{5} - \left(\frac{5}{6} - \frac{5}{6} + \frac{2}{3} \times \frac{6}{5} - \frac{2}{5}\right) \\ = 2$$

$$3. 4 \div \left(\frac{4}{7} \div \frac{3}{7} \times \frac{2}{3}\right) + \frac{12}{5} + \frac{3}{2} \\ = \frac{42}{5} = 8\frac{2}{5}$$

$$8. \left(\frac{5}{3} + \frac{5}{3}\right) \div \frac{11}{4} \div \left(\frac{5}{11} \div 1 \div \frac{1}{2}\right) \\ = \frac{4}{3} = 1\frac{1}{3}$$

$$4. \frac{10}{7} \div \left(\left(\frac{10}{7} \times 3 - \left(\frac{9}{4} + \frac{1}{4}\right)\right) \times \frac{1}{2}\right) \\ = \frac{8}{5} = 1\frac{3}{5}$$

$$9. \frac{1}{6} \div \frac{5}{9} \times 11 \times \frac{7}{6} \div \left(\frac{1}{2} \div \frac{12}{7}\right) \\ = \frac{66}{5} = 13\frac{1}{5}$$

$$5. \frac{5}{4} - \frac{1}{12} \times \frac{2}{3} + \frac{10}{9} - \frac{2}{3} \div 12 \\ = \frac{9}{4} = 2\frac{1}{4}$$

$$10. \frac{3}{2} \times 8 \div \left(\frac{5}{3} + \frac{7}{3}\right) - \left(\frac{5}{4} + \frac{3}{4}\right) \\ = 1$$

Orden de Operaciones (J)

Realice las operaciones en el orden correcto.

1. $(\frac{3}{2} + \frac{9}{2}) \div (\frac{1}{5} \times (\frac{7}{3} + \frac{5}{2}) \div \frac{1}{3})$

6. $\frac{11}{3} \times 1 \div \frac{1}{2} \div (\frac{3}{2} + \frac{6}{5} \div \frac{4}{5})$

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

7. $(3 \times \frac{1}{2} + \frac{4}{11} \div \frac{2}{9}) \div \frac{1}{2} - \frac{7}{11}$

3. $\frac{3}{10} \div ((1 + \frac{11}{10}) \div (\frac{4}{5} \times \frac{5}{12}) \times \frac{1}{2})$

8. $\frac{9}{11} \div (\frac{5}{9} \times \frac{9}{10}) \div (\frac{1}{3} \times \frac{3}{2} \times \frac{8}{5})$

4. $\frac{11}{2} + \frac{3}{2} \div (\frac{12}{7} + \frac{12}{7}) \times \frac{4}{5} \div \frac{1}{2}$

9. $(\frac{5}{12} - (\frac{7}{4} - (6 \times \frac{1}{3} - \frac{2}{3}))) \times \frac{2}{3}$

5. $(\frac{5}{2} + 3) \times (\frac{4}{7} - \frac{4}{7} + \frac{1}{2} + \frac{5}{6})$

10. $(\frac{12}{5} - \frac{1}{5}) \div \frac{7}{6} \div (\frac{7}{5} - \frac{1}{2} \div \frac{7}{10})$

Orden de Operaciones (J) Respuestas

Realice las operaciones en el orden correcto.

$$1. \left(\frac{3}{2} + \frac{9}{2}\right) \div \left(\frac{1}{5} \times \left(\frac{7}{3} + \frac{5}{2}\right) \div \frac{1}{3}\right) \\ = \frac{60}{29} = 2\frac{2}{29}$$

$$6. \frac{11}{3} \times 1 \div \frac{1}{2} \div \left(\frac{3}{2} + \frac{6}{5} \div \frac{4}{5}\right) \\ = \frac{22}{9} = 2\frac{4}{9}$$

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

$$7. \left(3 \times \frac{1}{2} + \frac{4}{11} \div \frac{2}{9}\right) \div \frac{1}{2} - \frac{7}{11} \\ = \frac{62}{11} = 5\frac{7}{11}$$

$$3. \frac{3}{10} \div \left(\left(1 + \frac{11}{10}\right) \div \left(\frac{4}{5} \times \frac{5}{12}\right) \times \frac{1}{2}\right) \\ = \frac{2}{21}$$

$$8. \frac{9}{11} \div \left(\frac{5}{9} \times \frac{9}{10}\right) \div \left(\frac{1}{3} \times \frac{3}{2} \times \frac{8}{5}\right) \\ = \frac{45}{22} = 2\frac{1}{22}$$

$$4. \frac{11}{2} + \frac{3}{2} \div \left(\frac{12}{7} + \frac{12}{7}\right) \times \frac{4}{5} \div \frac{1}{2} \\ = \frac{31}{5} = 6\frac{1}{5}$$

$$9. \left(\frac{5}{12} - \left(\frac{7}{4} - \left(6 \times \frac{1}{3} - \frac{2}{3}\right)\right)\right) \times \frac{2}{3} \\ = 0$$

$$5. \left(\frac{5}{2} + 3\right) \times \left(\frac{4}{7} - \frac{4}{7} + \frac{1}{2} + \frac{5}{6}\right) \\ = \frac{22}{3} = 7\frac{1}{3}$$

$$10. \left(\frac{12}{5} - \frac{1}{5}\right) \div \frac{7}{6} \div \left(\frac{7}{5} - \frac{1}{2} \div \frac{7}{10}\right) \\ = \frac{11}{4} = 2\frac{3}{4}$$