

## Orden de Operaciones (A)

Realice las operaciones en el orden correcto.

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

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

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

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

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

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

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

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

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

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

## Orden de Operaciones (A) Respuestas

Realice las operaciones en el orden correcto.

$$1. \left(-\frac{3}{2}\right) \times \frac{2}{5} \div \left(-\frac{2}{9}\right) + (-3) - \frac{9}{2}$$
$$= -\frac{24}{5} = -4\frac{4}{5}$$

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

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

$$7. \left(-\frac{3}{7} - \frac{1}{2}\right) \div \left(\frac{4}{3} \times \left(-\frac{7}{8}\right) + \frac{1}{2}\right)$$
$$= \frac{39}{28} = 1\frac{11}{28}$$

$$3. \frac{7}{10} + \frac{5}{6} \times (-2) \div \frac{2}{5} \times \frac{4}{5}$$
$$= -\frac{79}{30} = -2\frac{19}{30}$$

$$8. 1 - \frac{4}{3} + \left(-\frac{1}{6}\right) + \frac{12}{5} + \frac{2}{3}$$
$$= \frac{77}{30} = 2\frac{17}{30}$$

$$4. -\frac{7}{4} + \left(-\frac{7}{6}\right) \times \frac{4}{5} \div \frac{4}{3} - \frac{3}{4}$$
$$= -\frac{16}{5} = -3\frac{1}{5}$$

$$9. -\frac{10}{7} + \left(-\frac{10}{7}\right) + 3 + \left(-\frac{1}{7}\right) + \left(-\frac{3}{2}\right)$$
$$= -\frac{3}{2} = -1\frac{1}{2}$$

$$5. \frac{1}{3} \div \frac{1}{3} + 2 - \left(-\frac{10}{11}\right) + \left(-\frac{2}{11}\right)$$
$$= \frac{41}{11} = 3\frac{8}{11}$$

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

## Orden de Operaciones (B)

Realice las operaciones en el orden correcto.

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

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

2.  $(-2) \div \left(\left(-\frac{4}{3}\right) \div \frac{2}{3}\right) + \left(-\frac{2}{9}\right) - \left(-\frac{11}{3}\right)$

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

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

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

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

9.  $\left(-\frac{1}{6} + \left(-\frac{3}{2}\right) - \frac{9}{10}\right) \div \left(\frac{1}{2} + \frac{3}{5}\right)$

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

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

## Orden de Operaciones (B) Respuestas

Realice las operaciones en el orden correcto.

$$\begin{aligned} 1. \quad & \frac{9}{10} \div 1 \div \frac{1}{2} + \left(-\frac{9}{4}\right) - \frac{2}{5} \\ & = -\frac{17}{20} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{1}{4} \times \left(\frac{7}{10} + \frac{4}{5} + \left(-\frac{7}{10}\right)\right) - \frac{4}{3} \\ & = -\frac{17}{15} = -1\frac{2}{15} \end{aligned}$$

$$\begin{aligned} 2. \quad & (-2) \div \left(\left(-\frac{4}{3}\right) \div \frac{2}{3}\right) + \left(-\frac{2}{9}\right) - \left(-\frac{11}{3}\right) \\ & = \frac{40}{9} = 4\frac{4}{9} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{3}{10} + \frac{9}{2} + \frac{1}{2} + \left(-\frac{9}{5}\right) - 2 \\ & = \frac{3}{2} = 1\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 3. \quad & -\frac{1}{2} + \frac{1}{3} \div \frac{4}{9} + \frac{9}{4} + \left(-\frac{4}{3}\right) \\ & = \frac{7}{6} = 1\frac{1}{6} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{7}{3} \times \left(-\frac{5}{2} - \left(-\frac{5}{8}\right)\right) \times \left(-2 - \left(-\frac{9}{5}\right)\right) \\ & = \frac{7}{8} \end{aligned}$$

$$\begin{aligned} 4. \quad & -\frac{3}{4} + \left(-\frac{1}{4} + \left(-\frac{3}{4}\right)\right) \div \left(-\frac{3}{4} + (-1)\right) \\ & = -\frac{5}{28} \end{aligned}$$

$$\begin{aligned} 9. \quad & \left(-\frac{1}{6} + \left(-\frac{3}{2}\right) - \frac{9}{10}\right) \div \left(\frac{1}{2} + \frac{3}{5}\right) \\ & = -\frac{7}{3} = -2\frac{1}{3} \end{aligned}$$

$$\begin{aligned} 5. \quad & -\frac{7}{10} + \frac{2}{3} + \frac{1}{2} - \left(-\frac{5}{4}\right) + \left(-\frac{2}{3}\right) \\ & = \frac{21}{20} = 1\frac{1}{20} \end{aligned}$$

$$\begin{aligned} 10. \quad & -1 + \left(-\frac{3}{2}\right) + \frac{2}{3} + \left(-\frac{1}{2}\right) \div \left(-\frac{3}{4}\right) \\ & = -\frac{7}{6} = -1\frac{1}{6} \end{aligned}$$

## Orden de Operaciones (C)

Realice las operaciones en el orden correcto.

1.  $(-\frac{7}{2}) \div (-\frac{1}{6}) \times (\frac{5}{11} + (-1)) \div \frac{8}{11}$

6.  $(-\frac{9}{5}) \times \frac{3}{2} - (-\frac{11}{4} + \frac{7}{4} + (-\frac{1}{2}))$

2.  $-\frac{2}{3} - \frac{7}{3} - \frac{3}{5} - (-\frac{1}{5}) - (-3)$

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

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

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

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

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

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

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

## Orden de Operaciones (C) Respuestas

Realice las operaciones en el orden correcto.

$$1. \left(-\frac{7}{2}\right) \div \left(-\frac{1}{6}\right) \times \left(\frac{5}{11} + (-1)\right) \div \frac{8}{11}$$
$$= -\frac{63}{4} = -15\frac{3}{4}$$

$$6. \left(-\frac{9}{5}\right) \times \frac{3}{2} - \left(-\frac{11}{4} + \frac{7}{4} + \left(-\frac{1}{2}\right)\right)$$
$$= -\frac{6}{5} = -1\frac{1}{5}$$

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

$$7. \left(\frac{6}{7} + \left(-\frac{11}{2}\right)\right) \times \left(-\frac{2}{5}\right) \times (-1) \times \frac{3}{4}$$
$$= -\frac{39}{28} = -1\frac{11}{28}$$

$$3. \frac{2}{3} \div \left(\left(-\frac{9}{5}\right) \div \frac{3}{8}\right) \times (-1) \div \frac{2}{3}$$
$$= \frac{5}{24}$$

$$8. \left(\left(-\frac{1}{8}\right) \times \frac{2}{5} + \frac{3}{4}\right) \div \left(\left(-\frac{3}{5}\right) \div \left(-\frac{4}{11}\right)\right)$$
$$= \frac{14}{33}$$

$$4. \left(-\frac{1}{2} - \frac{1}{3}\right) \div \left(-\frac{7}{6}\right) \times \left(3 + \frac{2}{5}\right)$$
$$= \frac{17}{7} = 2\frac{3}{7}$$

$$9. \left(-1 - \left(-\frac{1}{2}\right) - \left(\frac{1}{4} + \left(-\frac{2}{3}\right)\right)\right) \div \frac{5}{4}$$
$$= -\frac{1}{15}$$

$$5. \left(-\frac{2}{5}\right) \div \left(-\frac{5}{4}\right) + 1 + \frac{3}{2} + \left(-\frac{5}{2}\right)$$
$$= \frac{8}{25}$$

$$10. \frac{11}{3} \times \left(\frac{11}{7} + \left(-\frac{5}{3}\right) + \left(-\frac{11}{3}\right) - \left(-\frac{1}{3}\right)\right)$$
$$= -\frac{88}{7} = -12\frac{4}{7}$$

## Orden de Operaciones (D)

Realice las operaciones en el orden correcto.

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

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

2.  $\frac{9}{11} \div (-\frac{3}{7}) - \frac{5}{11} \times (-\frac{12}{7}) \times (-\frac{7}{4})$

7.  $4 \times \frac{5}{4} \times (-\frac{10}{3} + \frac{4}{3}) \div (-\frac{4}{9})$

3.  $(-\frac{2}{5} - (-3) \div \frac{5}{3}) \div (-\frac{1}{2}) \times (-\frac{10}{3})$

8.  $-\frac{3}{5} - (\frac{1}{2} + \frac{9}{10}) \div (-\frac{5}{6} - (-2))$

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

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

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

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

## Orden de Operaciones (D) Respuestas

Realice las operaciones en el orden correcto.

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

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

$$2. \frac{9}{11} \div \left(-\frac{3}{7}\right) - \frac{5}{11} \times \left(-\frac{12}{7}\right) \times \left(-\frac{7}{4}\right)$$
$$= -\frac{36}{11} = -3\frac{3}{11}$$

$$7. 4 \times \frac{5}{4} \times \left(-\frac{10}{3} + \frac{4}{3}\right) \div \left(-\frac{4}{9}\right)$$
$$= \frac{45}{2} = 22\frac{1}{2}$$

$$3. \left(-\frac{2}{5} - (-3) \div \frac{5}{3}\right) \div \left(-\frac{1}{2}\right) \times \left(-\frac{10}{3}\right)$$
$$= \frac{28}{3} = 9\frac{1}{3}$$

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

$$4. \left(-\frac{3}{7}\right) \div \left(-\frac{9}{4}\right) - \left(\left(-\frac{1}{2}\right) \times \frac{4}{3} - \left(-\frac{9}{4}\right)\right)$$
$$= -\frac{39}{28} = -1\frac{11}{28}$$

$$9. \left(\frac{1}{9} - \frac{3}{4} - \left(-\frac{9}{4}\right)\right) \times (-3) \div \frac{3}{2}$$
$$= -\frac{29}{9} = -3\frac{2}{9}$$

$$5. \left(-\frac{1}{2}\right) \times 1 - \left(-\frac{9}{4} + \frac{6}{5}\right) \times \left(-\frac{4}{3}\right)$$
$$= -\frac{19}{10} = -1\frac{9}{10}$$

$$10. \left(-\frac{7}{4}\right) \times \frac{12}{7} + \frac{3}{7} + \frac{11}{7} - (-3)$$
$$= 2$$



## Orden de Operaciones (E)

Realice las operaciones en el orden correcto.

1.  $(-2 + (-\frac{7}{3}) + \frac{11}{6}) \times \frac{5}{9} \div \frac{2}{3}$

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

2.  $\frac{3}{2} + (-\frac{6}{11}) \div \frac{9}{2} \times \frac{11}{10} \div (-\frac{1}{2})$

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

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

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

4.  $(-\frac{4}{5} + 1) \times \frac{11}{7} \div (-\frac{1}{10} + \frac{7}{4})$

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

5.  $(-\frac{7}{4}) \div ((\frac{1}{6} + (-\frac{5}{6}) \times (-1)) \times \frac{11}{6})$

10.  $(-\frac{7}{12} + (-\frac{7}{3})) \div ((-\frac{9}{7}) \times (-\frac{11}{12}) - 1)$

## Orden de Operaciones (E) Respuestas

Realice las operaciones en el orden correcto.

$$1. (-2 + (-\frac{7}{3}) + \frac{11}{6}) \times \frac{5}{9} \div \frac{2}{3}$$
$$= -\frac{25}{12} = -2\frac{1}{12}$$

$$6. (\frac{1}{4} + (-\frac{1}{2}) \times 2) \times (-\frac{8}{3} - \frac{7}{2})$$
$$= \frac{37}{8} = 4\frac{5}{8}$$

$$2. \frac{3}{2} + (-\frac{6}{11}) \div \frac{9}{2} \times \frac{11}{10} \div (-\frac{1}{2})$$
$$= \frac{53}{30} = 1\frac{23}{30}$$

$$7. \frac{2}{5} + (-\frac{5}{6}) - (-2 - (-\frac{7}{3}) + (-\frac{3}{2}))$$
$$= \frac{11}{15}$$

$$3. (\frac{3}{8} - (-\frac{8}{3} + \frac{1}{2})) \times \frac{1}{2} \div (-\frac{1}{6})$$
$$= -\frac{61}{8} = -7\frac{5}{8}$$

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

$$4. (-\frac{4}{5} + 1) \times \frac{11}{7} \div (-\frac{1}{10} + \frac{7}{4})$$
$$= \frac{4}{21}$$

$$9. \frac{4}{11} \times (-\frac{11}{3}) \div \frac{3}{5} \times (-1 - \frac{1}{3})$$
$$= \frac{80}{27} = 2\frac{26}{27}$$

$$5. (-\frac{7}{4}) \div ((\frac{1}{6} + (-\frac{5}{6}) \times (-1)) \times \frac{11}{6})$$
$$= -\frac{21}{22}$$

$$10. (-\frac{7}{12} + (-\frac{7}{3})) \div ((-\frac{9}{7}) \times (-\frac{11}{12}) - 1)$$
$$= -\frac{49}{3} = -16\frac{1}{3}$$

## Orden de Operaciones (F)

Realice las operaciones en el orden correcto.

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

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

2.  $(-\frac{1}{3}) \div \frac{1}{3} + (-\frac{9}{2}) - \frac{5}{6} \div \frac{1}{12}$

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

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

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

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

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

5.  $-\frac{5}{4} - \frac{6}{5} - (-\frac{2}{5}) + (-\frac{1}{2}) \times \frac{9}{10}$

10.  $1 + (-\frac{1}{2}) + (-\frac{5}{4}) - (-\frac{1}{4} + (-\frac{7}{6}))$

## Orden de Operaciones (F) Respuestas

Realice las operaciones en el orden correcto.

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

$$6. (-\frac{12}{5}) \times \frac{3}{2} + \frac{4}{3} + \frac{3}{2} \div (-\frac{9}{5}) \\ = -\frac{31}{10} = -3\frac{1}{10}$$

$$2. (-\frac{1}{3}) \div \frac{1}{3} + (-\frac{9}{2}) - \frac{5}{6} \div \frac{1}{12} \\ = -\frac{31}{2} = -15\frac{1}{2}$$

$$7. 5 + \frac{5}{2} \times (\frac{5}{4} + (-\frac{1}{5})) \times \frac{4}{5} \\ = \frac{71}{10} = 7\frac{1}{10}$$

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

$$8. -\frac{2}{3} + (-1) - \frac{7}{3} + (-\frac{1}{3}) + (-\frac{5}{6}) \\ = -\frac{31}{6} = -5\frac{1}{6}$$

$$4. (-\frac{3}{2}) \times ((-\frac{7}{8} + (-1)) \times \frac{4}{7} + (-\frac{5}{7})) \\ = \frac{75}{28} = 2\frac{19}{28}$$

$$9. \frac{11}{6} \times (-\frac{4}{11}) \times \frac{2}{3} - (-\frac{2}{3}) + \frac{1}{4} \\ = \frac{17}{36}$$

$$5. -\frac{5}{4} - \frac{6}{5} - (-\frac{2}{5}) + (-\frac{1}{2}) \times \frac{9}{10} \\ = -\frac{5}{2} = -2\frac{1}{2}$$

$$10. 1 + (-\frac{1}{2}) + (-\frac{5}{4}) - (-\frac{1}{4} + (-\frac{7}{6})) \\ = \frac{2}{3}$$

## Orden de Operaciones (G)

Realice las operaciones en el orden correcto.

1.  $\frac{1}{5} - (-\frac{11}{2}) \div \frac{11}{10} + (-\frac{4}{5}) + (-\frac{9}{2})$

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

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

7.  $\frac{4}{3} + (-\frac{3}{8}) - \frac{7}{11} \div (\frac{7}{12} \div \frac{11}{8})$

3.  $((-\frac{8}{5}) \times \frac{5}{3} - (-1)) \times (-\frac{3}{7}) \times \frac{1}{3}$

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

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

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

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

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

## Orden de Operaciones (G) Respuestas

Realice las operaciones en el orden correcto.

$$1. \frac{1}{5} - \left(-\frac{11}{2}\right) \div \frac{11}{10} + \left(-\frac{4}{5}\right) + \left(-\frac{9}{2}\right) \\ = -\frac{1}{10}$$

$$6. \frac{5}{4} + \frac{4}{7} - \left(-\frac{1}{2} + \left(-\frac{11}{12}\right)\right) \times 3 \\ = \frac{85}{14} = 6\frac{1}{14}$$

$$2. \left(-\frac{6}{5} - \left(\frac{1}{5} + \left(-\frac{11}{4}\right) + \frac{4}{5}\right)\right) \times \left(-\frac{5}{6}\right) \\ = -\frac{11}{24}$$

$$7. \frac{4}{3} + \left(-\frac{3}{8}\right) - \frac{7}{11} \div \left(\frac{7}{12} \div \frac{11}{8}\right) \\ = -\frac{13}{24}$$

$$3. \left(\left(-\frac{8}{5}\right) \times \frac{5}{3} - (-1)\right) \times \left(-\frac{3}{7}\right) \times \frac{1}{3} \\ = \frac{5}{21}$$

$$8. \left(\frac{11}{5} - \left(-\frac{5}{2}\right)\right) \times \left(-\frac{1}{2}\right) \div \frac{1}{4} + 3 \\ = -\frac{32}{5} = -6\frac{2}{5}$$

$$4. \left(\frac{1}{10} - \frac{2}{3} + \left(-\frac{2}{3}\right)\right) \div \left(\frac{8}{3} \times \left(-\frac{1}{5}\right)\right) \\ = \frac{37}{16} = 2\frac{5}{16}$$

$$9. 4 - \left(-\frac{5}{4}\right) - \left(-\frac{3}{4}\right) \div \frac{6}{5} \div \left(-\frac{9}{10}\right) \\ = \frac{41}{9} = 4\frac{5}{9}$$

$$5. \left(1 + \frac{7}{4}\right) \div \frac{5}{4} \times \left(\frac{9}{11} + \left(-\frac{4}{3}\right)\right) \\ = -\frac{17}{15} = -1\frac{2}{15}$$

$$10. \frac{3}{4} \times \left((-1) \div \frac{7}{11} \times \frac{1}{3} - \left(-\frac{11}{3}\right)\right) \\ = \frac{33}{14} = 2\frac{5}{14}$$

## Orden de Operaciones (H)

Realice las operaciones en el orden correcto.

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

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

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

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

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

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

4.  $(\frac{1}{2} - (-\frac{11}{4} - 1)) \times (-\frac{10}{9}) - \frac{1}{2}$

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

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

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

## Orden de Operaciones (H) Respuestas

Realice las operaciones en el orden correcto.

$$1. \left(\frac{5}{4} - \left(-\frac{1}{5}\right)\right) \times \left(2 + \left(-\frac{1}{4}\right) \div \left(-\frac{1}{2}\right)\right) \\ = \frac{29}{8} = 3\frac{5}{8}$$

$$6. \frac{5}{9} + \frac{10}{9} + \frac{1}{4} \times \left(\frac{2}{3} + \left(-\frac{2}{3}\right)\right) \\ = \frac{5}{3} = 1\frac{2}{3}$$

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

$$7. -\frac{3}{2} - \frac{1}{2} \times \left(-2 - \left(-\frac{11}{6}\right)\right) \times \frac{1}{3} \\ = -\frac{53}{36} = -1\frac{17}{36}$$

$$3. \frac{4}{3} \times \left(\frac{2}{5} - \left(-\frac{1}{2}\right)\right) \div \frac{1}{3} \div 1) \\ = \frac{38}{15} = 2\frac{8}{15}$$

$$8. \frac{11}{5} \div \left(\left(-\frac{4}{7} + \frac{2}{5}\right) \div \frac{1}{5}\right) \div \left(-\frac{11}{12}\right) \\ = \frac{14}{5} = 2\frac{4}{5}$$

$$4. \left(\frac{1}{2} - \left(-\frac{11}{4} - 1\right)\right) \times \left(-\frac{10}{9}\right) - \frac{1}{2} \\ = -\frac{47}{9} = -5\frac{2}{9}$$

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

$$5. \left(-\frac{3}{2}\right) \div \frac{7}{4} - \frac{5}{3} + \frac{1}{3} \times 12 \\ = \frac{31}{21} = 1\frac{10}{21}$$

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



## Orden de Operaciones (I)

Realice las operaciones en el orden correcto.

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

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

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

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

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

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

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

9.  $-\frac{1}{3} - (-\frac{1}{4} + (-2) + \frac{10}{9} + (-\frac{11}{4}))$

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

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

## Orden de Operaciones (I) Respuestas

Realice las operaciones en el orden correcto.

$$1. (-9) \times \left(-\frac{1}{2}\right) \times \left(-\frac{1}{2} + \left(-\frac{11}{3}\right) - \frac{1}{3}\right) \\ = -\frac{81}{4} = -20\frac{1}{4}$$

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

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

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

$$3. \frac{7}{5} - \left(\frac{1}{10} + \left(-\frac{7}{2}\right) - \frac{5}{6} \div \left(-\frac{1}{9}\right)\right) \\ = -\frac{27}{10} = -2\frac{7}{10}$$

$$8. \frac{9}{7} \times \left(\left(-\frac{5}{2} + \frac{4}{3}\right) \times \left(-\frac{1}{6}\right) - 1\right) \\ = -\frac{29}{28} = -1\frac{1}{28}$$

$$4. \left(\frac{5}{12} + \frac{3}{4}\right) \div \frac{7}{10} \div \left(\frac{5}{2} \times \frac{1}{4}\right) \\ = \frac{8}{3} = 2\frac{2}{3}$$

$$9. -\frac{1}{3} - \left(-\frac{1}{4} + (-2) + \frac{10}{9} + \left(-\frac{11}{4}\right)\right) \\ = \frac{32}{9} = 3\frac{5}{9}$$

$$5. \left(-\frac{7}{2}\right) \times \left(\frac{9}{4} + \frac{1}{12} + 2 \div \frac{3}{10}\right) \\ = -\frac{63}{2} = -31\frac{1}{2}$$

$$10. -1 + \frac{1}{3} \times \frac{7}{9} \div \left(-\frac{5}{3} + \frac{2}{3}\right) \\ = -\frac{34}{27} = -1\frac{7}{27}$$

## Orden de Operaciones (J)

Realice las operaciones en el orden correcto.

1.  $(-3) \times \left(-\frac{12}{11} + \frac{2}{3}\right) \div \frac{1}{7} \times \frac{11}{8}$

6.  $\left(-\frac{5}{12}\right) \times \left(\left(-\frac{9}{8}\right) \times 2 + \left(-\frac{11}{7}\right) \div \frac{4}{3}\right)$

2.  $-\frac{11}{4} - \left(\left(-\frac{6}{5}\right) \div \left(-\frac{12}{5}\right) - (-2) + \frac{5}{4}\right)$

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

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

8.  $\frac{4}{11} \times \left(-\frac{2}{9}\right) \div \left(\left(-\frac{11}{12}\right) \div (-3)\right) \times \left(-\frac{11}{12}\right)$

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

9.  $\frac{9}{4} \div \left(-\frac{5}{2} + \frac{1}{2} - \left(1 + \left(-\frac{12}{5}\right)\right)\right)$

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

10.  $\frac{3}{4} + \left(-\frac{1}{2}\right) \div \left(-\frac{1}{9}\right) - \left(\frac{1}{3} + \frac{11}{8}\right)$

## Orden de Operaciones (J) Respuestas

Realice las operaciones en el orden correcto.

$$1. (-3) \times \left(-\frac{12}{11} + \frac{2}{3}\right) \div \frac{1}{7} \times \frac{11}{8}$$
$$= \frac{49}{4} = 12\frac{1}{4}$$

$$6. \left(-\frac{5}{12}\right) \times \left(\left(-\frac{9}{8}\right) \times 2 + \left(-\frac{11}{7}\right) \div \frac{4}{3}\right)$$
$$= \frac{10}{7} = 1\frac{3}{7}$$

$$2. -\frac{11}{4} - \left(\left(-\frac{6}{5}\right) \div \left(-\frac{12}{5}\right) - (-2) + \frac{5}{4}\right)$$
$$= -\frac{13}{2} = -6\frac{1}{2}$$

$$7. 3 \times \frac{4}{3} - \left(-\frac{10}{7} - \left(-\frac{1}{2}\right)\right) \div \frac{1}{2}$$
$$= \frac{41}{7} = 5\frac{6}{7}$$

$$3. \left(-\frac{9}{5} + \frac{5}{3}\right) \div \left(-\frac{1}{4}\right) \times 5 \times \left(-\frac{8}{11}\right)$$
$$= -\frac{64}{33} = -1\frac{31}{33}$$

$$8. \frac{4}{11} \times \left(-\frac{2}{9}\right) \div \left(\left(-\frac{11}{12}\right) \div (-3)\right) \times \left(-\frac{11}{12}\right)$$
$$= \frac{8}{33}$$

$$4. \left(-\frac{7}{3} + \frac{1}{2}\right) \div \left(-\frac{11}{2} - \frac{11}{3} \div \left(-\frac{11}{7}\right)\right)$$
$$= \frac{11}{19}$$

$$9. \frac{9}{4} \div \left(-\frac{5}{2} + \frac{1}{2} - \left(1 + \left(-\frac{12}{5}\right)\right)\right)$$
$$= -\frac{15}{4} = -3\frac{3}{4}$$

$$5. \frac{9}{5} - \frac{5}{3} + \left(-\frac{1}{3}\right) - 1 \times \frac{1}{3}$$
$$= -\frac{8}{15}$$

$$10. \frac{3}{4} + \left(-\frac{1}{2}\right) \div \left(-\frac{1}{9}\right) - \left(\frac{1}{3} + \frac{11}{8}\right)$$
$$= \frac{85}{24} = 3\frac{13}{24}$$