

1 Operacions amb fraccions

Preguntes

Exercici 1.1. (suma i resta) Opereu:

a.

$$\frac{2}{7} + \frac{6}{7} - \frac{1}{7}$$

b.

$$\frac{5}{8} + \frac{9}{8}$$

c.

$$\frac{1}{4} + 5 - \frac{1}{4}$$

d.

$$\frac{3}{5} - \frac{2}{5} + \frac{11}{5}$$

e.

$$\frac{2}{3} + \frac{1}{4}$$

f.

$$5 + \frac{4}{5}$$

g.

$$\frac{2}{3} + \frac{5}{8} - \frac{1}{9}$$

h.

$$10 - \frac{1}{6} + \frac{6}{8}$$

i.

$$\frac{3}{10} + \frac{7}{12}$$

Exercici 1.2. (multiplicació i divisió) Opereu:

a.

$$3 \cdot \frac{5}{3}$$

b.

$$\frac{3}{4} \cdot \frac{2}{5}$$

c.

$$\frac{1}{2} \cdot \frac{1}{2}$$

d.

$$\frac{1}{3} \cdot \frac{3}{4} \div \frac{1}{5}$$

e.

$$5 \div \frac{7}{10} \cdot 7 \div \frac{2}{5}$$

f.

$$\frac{3}{2} \div \frac{2}{3} \div \frac{5}{4}$$

g.

$$\frac{2}{3} \div \frac{2}{5}$$

h.



$$\frac{3}{4} \div \frac{1}{2} \cdot 6$$

i.

$$\frac{2}{3} \div \frac{3}{4} \cdot \frac{1}{2}$$

Exercici 1.3. (operacions combinades)

a.

$$\frac{3}{4} + \frac{2}{5} \cdot \frac{1}{2}$$

g.

$$\frac{5}{6} - \left(\frac{1}{5} + \frac{1}{3} \right)$$

m.

$$\left(\frac{3}{4} + \frac{1}{4} \right) \div \left(\frac{5}{6} - \frac{1}{3} \right)$$

b.

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

h.

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

n.

$$5 + 10 - \frac{1}{10} + 25$$

c.

$$\left(2 + \frac{3}{5} \right) \div \frac{4}{3}$$

i.

$$4 \cdot \frac{2}{3} \cdot \left(\frac{2}{4} \div \frac{8}{10} \right)$$

o.

$$\frac{1}{3} + \frac{1}{2} - \frac{2}{5}$$

d.

$$\frac{2}{3} - \frac{5}{6} \cdot 8$$

j.

$$\frac{3}{4} + \frac{1}{2} \cdot \frac{4}{10}$$

p.

$$\left(\frac{1}{2} + \frac{2}{10} \right) \cdot \frac{2}{6}$$

e.

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

k.

$$\frac{10}{12} - \left(\frac{1}{10} + \frac{3}{8} \right)$$

q.

$$5 + \frac{1}{3} \cdot \frac{5}{3}$$

f.

$$4 \cdot \left(\frac{5}{6} - \frac{1}{4} + \frac{4}{9} \right)$$

l.

$$\left(\frac{1}{2} + 2 \right) \cdot \left(2 - \frac{1}{4} \right)$$

r.

$$\left(5 + \frac{1}{3} \right) \cdot \frac{5}{3}$$