

PROVA AVALUATIVA DE MATEMÀTIQUES .
FRACCIONS EQUIVALENTS, COMPARACIÓ DE FRACCIONS I OPERAR AMB FRACCIONS

Nom: _____ Data: _____

1.-Escriu en forma de fracció:

dotze novens = _____ huit mitjos = _____ tretze catorzens = _____

deu cinquens = _____ vint-i-dos quarts = _____ un mig = _____

2.-Escriu dos fraccions equivalents a aquestes fraccions:

Ampliant:

$$\frac{5}{4} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{7}{9} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

Simplificant:

$$\frac{20}{8} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{30}{18} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

3.-Compara les fraccions:

$$\frac{5}{7} \quad \frac{5}{9}$$

$$\frac{6}{7} \quad \frac{8}{7}$$

$$\frac{9}{9} \quad \frac{6}{6}$$

$$\frac{12}{5} \quad \frac{12}{3}$$

$$\frac{4}{9} \quad \frac{6}{9}$$

$$\frac{18}{7} \quad \frac{17}{7}$$

$$\frac{6}{7} \quad \frac{6}{9}$$

$$\frac{4}{5} \quad \frac{8}{10}$$

4.- Suma aquestes fraccions. Simplifica els resultats si pots.

$$\frac{2}{3} + \frac{1}{5} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{7}{9} + \frac{6}{4} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{6}{8} + \frac{9}{3} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{12}{40} + \frac{1}{8} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

5.- Resta aquestes fraccions. Simplifica si pots els resultats.

$$\frac{4}{5} - \frac{2}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{4}{3} - \frac{1}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{6}{6} - \frac{9}{12} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$\frac{3}{7} - \frac{1}{4} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

6.- Multiplica aquestes fraccions. Simplifica si pots els resultats.

$$\frac{2}{6} \times \frac{7}{5} = \underline{\quad} = \underline{\quad}$$

$$\frac{4}{8} \times \frac{8}{5} = \underline{\quad} = \underline{\quad}$$

$$\frac{15}{8} \times 3 = \underline{\quad} = \underline{\quad}$$

$$\frac{12}{8} \times \frac{1}{8} = \underline{\quad} = \underline{\quad}$$

4.- Divideix aquestes fraccions. Simplifica si pots.

$$4 : \frac{3}{5} = \underline{\quad} = \underline{\quad}$$

$$\frac{7}{3} : \frac{7}{2} = \underline{\quad} = \underline{\quad}$$

$$\frac{15}{8} : \frac{5}{3} = \underline{\quad} = \underline{\quad}$$

$$\frac{12}{35} : \frac{1}{2} = \underline{\quad} = \underline{\quad}$$

Continguts a avaluar:

CONTINGUTS	Assolit	En procés	Iniciat
1. Opera amb fraccions de diferent denominador.			

