

Nom: _____

Data: _____

ACTIVITAT AVALUATIVA: FRACCIONS

1. Escriu el nombre mixt d'aquestes fraccions:

a. $\frac{27}{4} =$ $\frac{\text{ } \overline{\text{ }}}{\text{ }}$

b. $\frac{81}{7} =$ $\frac{\text{ } \overline{\text{ }}}{\text{ }}$

c. $\frac{12}{5} =$ $\frac{\text{ } \overline{\text{ }}}{\text{ }}$

d. $\frac{31}{12} =$ $\frac{\text{ } \overline{\text{ }}}{\text{ }}$

e. $\frac{115}{9} =$ $\frac{\text{ } \overline{\text{ }}}{\text{ }}$

2. Representa aquestes fraccions en nombres sencers o decimals:

$\frac{32}{5} =$

$\frac{40}{8} =$

$\frac{91}{8} =$

$\frac{1}{2} =$

3. Comprova si aquestes fraccions són equivalents:

$\frac{8}{6} \text{ i } \frac{4}{3}$

$\frac{5}{7} \text{ i } \frac{3}{7}$

$\frac{2}{3} \text{ i } \frac{4}{6}$

4. Completa les fraccions per trobar les equivalents:

$$\frac{6}{24} = \frac{1}{\boxed{}}$$

$$\frac{\boxed{}}{4} = \frac{3}{6}$$

$$\frac{\boxed{}}{12} = \frac{2}{3}$$

$$\frac{45}{60} = \frac{3}{\boxed{}}$$

$$\frac{27}{45} = \frac{3}{\boxed{}}$$

$$\frac{162}{216} = \frac{\boxed{}}{4}$$

5. Simplifica aquestes fraccions el màxim possible:

$$\frac{20}{30} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{15}{9} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{1}{6} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{8}{12} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{50}{100} = \frac{\boxed{}}{\boxed{}}$$

6. Escriu la fracció irreductible buscant el màxim comú divisor:

$$\frac{4}{20} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{18}{90} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{15}{40} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{63}{99} = \frac{\boxed{}}{\boxed{}}$$