



EJERCICIOS DE MATEMÁTICA



Descarga Gratis Fichas de Matemática para Inicial, primaria y Secundaria

Operaciones con Números Racionales

ARITMÉTICA

Cuarto Grado de Primaria

➤ Realiza las siguientes operaciones:

I. Resuelve:

1. $\frac{5}{13} + \frac{1}{13} = \underline{\hspace{2cm}}$

2. $\frac{9}{17} - \frac{6}{17} = \underline{\hspace{2cm}}$

3. $\frac{3}{7} + \frac{2}{7} + \frac{1}{7} = \underline{\hspace{2cm}}$

4. $\frac{3}{11} + \frac{1}{11} + \frac{2}{11} + \frac{4}{11} = \underline{\hspace{2cm}}$

5. $\frac{1}{20} + \frac{3}{20} + \frac{7}{20} = \underline{\hspace{2cm}}$

6. $\frac{9}{15} - \frac{6}{15} = \underline{\hspace{2cm}}$

7. $\frac{4}{37} + \frac{19}{37} = \underline{\hspace{2cm}}$

8. $\frac{6}{29} + \frac{2}{29} + \frac{4}{29} = \underline{\hspace{2cm}}$

9. $\frac{6}{7} + \frac{1}{7} - \frac{2}{7} = \underline{\hspace{2cm}}$

10. $\frac{8}{10} + \frac{5}{10} - \frac{9}{10} = \underline{\hspace{2cm}}$

II. Efectuar:

1. $\frac{4}{5} + \frac{2}{5} + \frac{6}{5} = \underline{\hspace{2cm}}$

3. $\frac{7}{4} + \frac{2}{4} = \underline{\hspace{2cm}}$

5. $\frac{40}{70} + \frac{30}{70} - \frac{20}{70} = \underline{\hspace{2cm}}$

2. $\frac{7}{9} + \frac{2}{9} + \frac{3}{9} = \underline{\hspace{2cm}}$

4. $\frac{10}{3} - \frac{2}{3} - \frac{1}{3} = \underline{\hspace{2cm}}$

6. $\frac{72}{56} - \frac{45}{56} + \frac{2}{56} = \underline{\hspace{2cm}}$

III. Completa las siguientes igualdades:

$$1. \quad \text{---} + \frac{4}{9} = \frac{15}{9}$$

$$2. \quad \frac{7}{5} + \text{---} = \frac{18}{5}$$

$$3. \quad \frac{15}{40} - \frac{8}{40} = \text{---}$$

$$4. \quad \frac{45}{36} - \frac{16}{36} = \text{---}$$

$$5. \quad \frac{75}{50} - \text{---} = \frac{55}{50}$$

$$6. \quad \frac{84}{100} + \text{---} = \frac{90}{100}$$

IV. Completa los espacios en blanco:

$$1. \quad \frac{15}{18} + \boxed{\text{---}} = \frac{23}{18}$$

$$2. \quad \frac{27}{30} + \boxed{\text{---}} = \frac{47}{30}$$

$$3. \quad \boxed{\text{---}} + \frac{56}{60} = 1$$

$$4. \quad \frac{32}{40} - \boxed{\text{---}} = \frac{15}{40}$$

$$5. \quad \boxed{\text{---}} - \frac{15}{37} = 1$$

$$6. \quad \frac{11}{17} + \boxed{\text{---}} = 1$$

PRACTIQUEMOS

➤ Resuelve:

1. $\frac{2}{7} + \frac{1}{2} =$

2. $\frac{7}{10} - \frac{4}{7} =$

3. $\frac{7}{8} - \frac{1}{4} =$

4. $\frac{3}{5} + \frac{1}{4} =$

5. $\frac{2}{3} + \frac{3}{4} =$

6. $\frac{4}{3} + \frac{1}{2} + \frac{1}{3} =$

7. $\frac{9}{20} - \frac{3}{10} =$

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

9. $\frac{2}{7} + \frac{1}{2} + \frac{3}{14} =$

10. $\frac{3}{5} + \frac{7}{10} + \frac{1}{2} =$

11. $\frac{11}{20} - \frac{2}{25} =$

12. $\frac{7}{9} + \frac{5}{18} =$



TRABAJEMOS EN CASA



I. Resuelve:

$$1. \quad \frac{54}{90} + \frac{36}{90} =$$

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

$$5. \quad \frac{5}{11} - \frac{3}{22} =$$

$$7. \quad \frac{1}{2} + \frac{1}{5} =$$

$$9. \quad \frac{1}{18} + \frac{1}{2} + \frac{7}{9} =$$

$$2. \quad \frac{3}{7} + \frac{4}{7} + \frac{1}{7} =$$

$$4. \quad \frac{72}{100} - \frac{30}{100} =$$

$$6. \quad \frac{7}{9} + \frac{1}{3} =$$

$$8. \quad \frac{1}{3} + \frac{2}{5} + \frac{1}{2} =$$

$$10. \quad \frac{9}{10} - \frac{4}{5} =$$

II. Completa:

$$1. \quad \frac{5}{7} + \boxed{} = \frac{9}{7}$$

$$3. \quad \boxed{} + \frac{1}{4} = \frac{5}{4}$$

$$5. \quad \frac{1}{2} + \frac{3}{4} - \frac{1}{5} = \boxed{}$$

$$2. \quad \frac{24}{9} - \boxed{} = \frac{10}{9}$$

$$4. \quad \boxed{} - \frac{3}{5} = \frac{8}{5}$$

$$6. \quad \frac{3}{6} - \frac{1}{5} = \boxed{}$$

PRACTIQUEMOS

I. Efectuar:

1. $\frac{4}{2} \times \frac{2}{5} =$

3. $\frac{6}{5} \times \frac{1}{2} =$

5. $\frac{1}{3} \times \frac{3}{4} \times \frac{1}{2} =$

2. $\frac{7}{10} \times \frac{3}{4} =$

4. $\frac{7}{8} \times \frac{4}{5} =$

6. $\frac{2}{5} \times \frac{3}{2} \times \frac{1}{4} =$

II. Calcula:

1. $5 \times \frac{3}{5} =$

2. $\frac{7}{4} \times 6 =$

3. $\frac{4}{5}$ de $\frac{1}{2}$

4. $\frac{5}{6}$ de $\frac{7}{8} =$

5. $\frac{3}{5}$ de $\frac{1}{4}$

6. 6 de $\frac{1}{8} =$

7. 9 de $\frac{1}{3}$

8. $\frac{8}{4}$ de $\frac{2}{5} =$

PRACTIQUEMOS

Efectuar:

1. $\frac{2}{3} \div \frac{3}{7}$

2. $\frac{1}{2} \div \frac{6}{11}$

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

4. $\frac{4}{9} \div \frac{7}{4}$

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

6. $\frac{6}{13} \div \frac{3}{11}$

7. $\frac{9}{10} \div \frac{11}{7}$

8. $\frac{8}{7} \div \frac{3}{4}$

9. $\frac{5}{6} \div \frac{1}{12}$

10. $\frac{3}{4} \div \frac{6}{8}$



TRABAJEMOS EN CASA

**I. Multiplica:**

1. $\frac{2}{7} \times \frac{1}{3}$

2. $\frac{3}{7} \times \frac{2}{9}$

3. $\frac{4}{9} \times \frac{7}{11}$

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

5. $\frac{5}{8} \times \frac{1}{4}$

6. $\frac{7}{8} \times \frac{1}{2} \times \frac{4}{5}$

II. Dividir:

1. $\frac{4}{11} \div \frac{2}{3}$

2. $\frac{6}{7} \div \frac{7}{6}$

3. $\frac{1}{11} \div \frac{2}{5}$

4. $\frac{15}{13} \div \frac{2}{5}$

5. $\frac{6}{9} \div \frac{3}{4}$

6. $\frac{7}{3} \div \frac{14}{9}$

III. Resuelve:

1. $\frac{4}{5}$ de $\frac{1}{2}$

2. $\frac{4}{9}$ de $\frac{1}{3}$

3. $5 \times \frac{8}{9}$

4. $\frac{7}{3} \times 9$

5. $7 \div \frac{14}{5}$

6. $\frac{6}{9} \div 8$

7. $\frac{5}{7}$ de 8

8. 12 de $\frac{1}{14}$