

Calculs de Fractions



Exercices

Exercices 1

Effectuer les calculs suivants.

$$A = \frac{5}{2} + \frac{8}{2}$$

$$C = \frac{4}{7} + \frac{9}{7}$$

$$E = \frac{10}{11} - \frac{5}{11}$$

$$B = \frac{1}{3} + \frac{5}{3}$$

$$D = \frac{7}{9} - \frac{4}{9}$$

$$F = \frac{8}{13} - \frac{15}{13}$$

Exercices 2

Effectuer les calculs suivants.

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

$$C = \frac{4}{7} + 1$$

$$E = \frac{15}{11} - 2$$

$$B = \frac{4}{6} + \frac{5}{3}$$

$$D = \frac{7}{18} - \frac{4}{9}$$

$$F = \frac{8}{15} - \frac{3}{5}$$



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Exercices 3

Effectuer les calculs suivants.

$$A = \frac{4}{5} + \frac{5}{9}$$

$$C = \frac{5}{6} + \frac{9}{8}$$

$$E = \frac{1}{10} - \frac{5}{4}$$

$$B = \frac{4}{3} + \frac{5}{7}$$

$$D = \frac{7}{15} - \frac{4}{9}$$

$$F = \frac{8}{7} - \frac{16}{21}$$



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Corrigés

Exercices 1

Effectuer les calculs suivants.

$$A = \frac{5}{2} + \frac{8}{2}$$

$$A = \frac{5+8}{2}$$

$$A = \frac{13}{2}$$

$$B = \frac{1}{3} + \frac{5}{3}$$

$$B = \frac{1+5}{3}$$

$$B = \frac{6}{3}$$

$$B = 2$$

$$C = \frac{4}{7} + \frac{9}{7}$$

$$C = \frac{4+9}{7}$$

$$C = \frac{13}{7}$$

$$D = \frac{7}{9} - \frac{4}{9}$$

$$D = \frac{7-4}{9}$$

$$D = \frac{3}{9}$$

$$D = \frac{1}{3}$$

$$E = \frac{10}{11} - \frac{5}{11}$$

$$E = \frac{10-5}{11}$$

$$E = \frac{5}{11}$$

$$F = \frac{8}{13} - \frac{15}{13}$$

$$F = \frac{8-15}{13}$$

$$F = \frac{-7}{13}$$



Calculs de Fractions

Exercices 2

Effectuer les calculs suivants.

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

$$A = \frac{5 \times 2}{2 \times 2} + \frac{3}{4}$$

$$A = \frac{10}{4} + \frac{3}{4}$$

$$A = \frac{13}{4}$$

$$B = \frac{4}{6} + \frac{5}{3}$$

$$B = \frac{4}{6} + \frac{5 \times 2}{3 \times 2}$$

$$B = \frac{4}{6} + \frac{10}{6}$$

$$B = \frac{14}{6}$$

$$B = \frac{7}{3}$$

$$C = \frac{4}{7} + 1$$

$$C = \frac{4}{7} + \frac{7}{7}$$

$$C = \frac{11}{7}$$

$$D = \frac{7}{18} - \frac{4}{9}$$

$$D = \frac{7}{18} - \frac{4 \times 2}{9 \times 2}$$

$$D = \frac{7}{18} - \frac{8}{18}$$

$$D = -\frac{1}{18}$$

$$E = \frac{15}{11} - 2$$

$$E = \frac{15}{11} - \frac{2}{1}$$

$$E = \frac{15}{11} - \frac{2 \times 11}{1 \times 11}$$

$$E = \frac{15}{11} - \frac{22}{11}$$

$$E = -\frac{7}{11}$$

$$F = \frac{8}{15} - \frac{3}{5}$$

$$F = \frac{8}{15} - \frac{3 \times 3}{5 \times 3}$$

$$F = \frac{8}{15} - \frac{9}{15}$$

$$F = -\frac{1}{15}$$

Calculs de Fractions

Exercices 3

Effectuer les calculs suivants.

$$A = \frac{4}{5} + \frac{5}{9}$$

$$A = \frac{4 \times 9}{5 \times 9} + \frac{5 \times 5}{9 \times 5}$$

$$A = \frac{36}{45} + \frac{25}{45}$$

$$A = \frac{61}{45}$$

$$B = \frac{4}{3} + \frac{5}{7}$$

$$B = \frac{4 \times 7}{3 \times 7} + \frac{5 \times 3}{7 \times 3}$$

$$B = \frac{28}{21} + \frac{15}{21}$$

$$B = \frac{43}{21}$$

$$C = \frac{5}{6} + \frac{9}{8}$$

$$C = \frac{5 \times 4}{6 \times 4} + \frac{9 \times 3}{8 \times 3}$$

$$C = \frac{20}{24} + \frac{27}{24}$$

$$C = \frac{47}{24}$$

$$D = \frac{7}{15} - \frac{4}{9}$$

$$D = \frac{7 \times 3}{15 \times 3} - \frac{4 \times 5}{9 \times 5}$$

$$D = \frac{21}{45} - \frac{20}{45}$$

$$D = \frac{1}{45}$$

$$E = \frac{1}{10} - \frac{5}{4}$$

$$E = \frac{1 \times 2}{10 \times 2} - \frac{5 \times 5}{4 \times 5}$$

$$E = \frac{2}{20} - \frac{25}{20}$$

$$E = -\frac{23}{20}$$

$$F = \frac{8}{7} - \frac{16}{21}$$

$$F = \frac{8 \times 3}{7 \times 3} - \frac{16}{21}$$

$$F = \frac{24}{21} - \frac{16}{21}$$

$$F = \frac{8}{21}$$