

Calculs de Fractions



Exercices

Exercices 1

Effectuer les calculs suivants.

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

$$B = \frac{1}{4} \times \frac{5}{3}$$

$$C = \frac{4}{7} \times \frac{9}{5}$$

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

$$E = \frac{10}{11} \times \frac{5}{7}$$

$$F = \frac{7}{2} \times \frac{6}{13}$$

Exercices 2

Effectuer les calculs suivants.

$$A = \frac{55}{28} \times \frac{56}{45}$$

$$B = \frac{24}{35} \times \frac{25}{36}$$

$$C = \frac{72}{35} \times \frac{77}{48}$$

$$D = \frac{121}{49} \times \frac{28}{33}$$

Exercices 3

Effectuer les calculs suivants.

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

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

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

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



Calculs de Fractions



Corrigés

Exercices 1

Effectuer les calculs suivants.

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

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

$$A = \frac{15}{4}$$

$$B = \frac{1}{4} \times \frac{5}{3}$$

$$B = \frac{1 \times 5}{4 \times 3}$$

$$B = \frac{5}{12}$$

$$C = \frac{4}{7} \times \frac{9}{5}$$

$$C = \frac{4 \times 9}{7 \times 5}$$

$$C = \frac{36}{35}$$

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

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

$$D = \frac{28}{27}$$

$$E = \frac{10}{11} \times \frac{5}{7}$$

$$E = \frac{10 \times 5}{11 \times 7}$$

$$E = \frac{50}{77}$$

$$F = \frac{7}{2} \times \frac{6}{13}$$

$$F = \frac{7 \times 6}{2 \times 13}$$

$$F = \frac{42}{26}$$

$$F = \frac{21}{13}$$



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Exercices 2

Effectuer les calculs suivants.

$$A = \frac{55}{28} \times \frac{56}{45}$$

$$A = \frac{55 \times 56}{28 \times 45}$$

$$A = \frac{5 \times 11 \times 7 \times 8}{7 \times 4 \times 5 \times 9}$$

$$A = \frac{11 \times 8}{4 \times 9}$$

$$A = \frac{11 \times 4 \times 2}{4 \times 9}$$

$$A = \frac{11 \times 2}{9}$$

$$A = \frac{22}{9}$$

$$B = \frac{24}{35} \times \frac{25}{36}$$

$$B = \frac{24 \times 25}{35 \times 36}$$

$$B = \frac{6 \times 4 \times 5 \times 5}{5 \times 7 \times 6 \times 6}$$

$$B = \frac{4 \times 5}{7 \times 6}$$

$$B = \frac{2 \times 2 \times 5}{7 \times 3 \times 2}$$

$$B = \frac{2 \times 5}{7 \times 3}$$

$$B = \frac{10}{21}$$



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$$C = \frac{72}{35} \times \frac{77}{48}$$

$$C = \frac{72 \times 77}{35 \times 48}$$

$$C = \frac{8 \times 9 \times 7 \times 11}{7 \times 5 \times 8 \times 6}$$

$$C = \frac{9 \times 11}{5 \times 6}$$

$$C = \frac{3 \times 3 \times 11}{5 \times 3 \times 2}$$

$$C = \frac{3 \times 11}{5 \times 2}$$

$$C = \frac{33}{10}$$

$$D = \frac{121}{49} \times \frac{28}{33}$$

$$D = \frac{121 \times 28}{49 \times 33}$$

$$D = \frac{11 \times 11 \times 7 \times 4}{7 \times 7 \times 3 \times 11}$$

$$D = \frac{11 \times 4}{7 \times 3}$$

$$D = \frac{44}{21}$$



Calculs de Fractions



Exercices 3

Effectuer les calculs suivants.

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

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

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

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

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

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

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

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

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

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

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

$$C = \frac{5 \times 4 \times 2}{2 \times 3 \times 9}$$

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

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

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

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

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

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

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

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



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