



Simplify fractions to lowest terms

1

Subtract these fractions and simplify the answer

$$\frac{2}{6} - \frac{1}{6}$$

A $1\frac{1}{7}$	B $\frac{1}{6}$	C $\frac{1}{3}$
D $\frac{5}{6}$	E $\frac{1}{4}$	F $\frac{3}{7}$

2

Add these fractions and simplify the answer

$$2\frac{3}{4} + \frac{1}{4}$$

A $2\frac{3}{4}$	B 3	C $\frac{11}{16}$
D $3\frac{1}{2}$	E 4	F $1\frac{3}{5}$

3

Divide these fractions and simplify the answer

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

A $\frac{7}{9}$	B $3\frac{1}{2}$	C 1
D $1\frac{5}{7}$	E $\frac{1}{2}$	F $\frac{3}{7}$

4

Simplify this fraction by cancelling identical terms on top and bottom

$$\frac{5 \times 2 \times 7 \times 7}{2 \times 2 \times 5 \times 7}$$

A $\frac{7}{2}$	B $\frac{2}{5}$	C $\frac{7}{8}$
D $\frac{7}{3}$	E $\frac{2}{7}$	F $\frac{3}{4}$

5

Use factorization to simplify

$$\frac{5}{4} \div \frac{10}{12}$$

A $\frac{7}{3}$	B $\frac{3}{5}$	C $\frac{5}{2}$
D $\frac{7}{5}$	E $\frac{3}{2}$	F $\frac{2}{3}$

6

Subtract these fractions and simplify the answer

$$\frac{1}{5} - \frac{1}{11}$$

A $\frac{1}{5}$	B $\frac{1}{2}$	C 2
D $\frac{6}{55}$	E $\frac{1}{3}$	F $\frac{2}{55}$

7

Divide these fractions and simplify the answer

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

A $1\frac{3}{4}$	B $\frac{7}{12}$	C 1
D $\frac{5}{6}$	E $2\frac{1}{3}$	F $1\frac{7}{8}$

8

Add these fractions and simplify the answer

$$\frac{2}{5} + \frac{1}{10}$$

A $\frac{3}{5}$	B $\frac{1}{2}$	C $1\frac{1}{5}$
D $\frac{3}{50}$	E $\frac{5}{7}$	F $\frac{3}{10}$

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Use factorization to simplify this fraction

$$\frac{14 \times 2 \times 70}{28 \times 35 \times 7}$$

A $\frac{3}{4}$

B $\frac{3}{7}$

C $\frac{2}{7}$

D $\frac{5}{2}$

E $\frac{5}{7}$

F $\frac{7}{8}$

10

Add these fractions and simplify the answer

$$\frac{1}{2} + \frac{2}{3}$$

A

1

B

2

C

$1\frac{1}{2}$

D

$\frac{1}{3}$

E

$1\frac{1}{6}$

F

$1\frac{2}{3}$

11

Subtract these fractions and simplify the answer

$$1\frac{1}{11} - \frac{1}{7}$$

A

$\frac{12}{77}$

B

$1\frac{6}{7}$

C

$\frac{10}{11}$

D

$\frac{73}{77}$

E

$1\frac{2}{11}$

F

$1\frac{2}{9}$

12

Use factorization to simplify

$$\frac{7}{35} \div \frac{6}{45}$$

A

$\frac{7}{3}$

B

$\frac{3}{5}$

C

$\frac{7}{2}$

D

$\frac{2}{3}$

E

$\frac{2}{7}$

F

$\frac{3}{2}$