

MATHTER.CA

Week 12 · Fractions Practice

Fractions · Grade 6 · Intermediate · 3 worksheets

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How to: Fractions

A fraction shows parts of a whole: the bottom number is how many equal parts, the top is how many you have.

HOW TO DO IT

- 1 To add or subtract, make the denominators (bottom numbers) the same.
- 2 Add or subtract only the numerators (top numbers); keep the denominator.
- 3 Simplify by any shared factor. If the top is larger than the bottom, write it as a mixed number (e.g., $\frac{5}{4} = 1 \frac{1}{4}$).

WORKED EXAMPLES

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

Same denominator, so add the tops: $1 + 2 = 3$. Answer: $\frac{3}{4}$.

$$\frac{3}{4} - \frac{1}{4}$$

Same denominator, so subtract the tops: $3 - 1 = 2$. Answer: $\frac{2}{4} = \frac{1}{2}$.

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

$\frac{6}{4} = \frac{3}{2}$, written as a mixed number: $1 \frac{1}{2}$.

How to: Fractions

WATCH OUT FOR

- Only add or subtract the tops, never the bottoms.
- A fraction equals 1 when the top and bottom match.

WORDS TO KNOW

numerator	the top number (parts you have)
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denominator	the bottom number (total parts)
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mixed number	a whole number with a fraction, like $1\frac{1}{2}$
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Week 12 • Fractions Practice • 1

Add or subtract. Simplify each answer. Write improper fractions as mixed numbers.

Name _____ Date _____ Score _____ / 10

01 $\frac{2}{3} + \frac{3}{9} =$ _____

02 $\frac{2}{12} + \frac{3}{4} =$ _____

03 $\frac{1}{4} + \frac{4}{12} =$ _____

04 $\frac{1}{2} - \frac{1}{6} =$ _____

05 $\frac{4}{8} - \frac{4}{9} =$ _____

06 $\frac{3}{5} - \frac{4}{11} =$ _____

07 $\frac{7}{9} - \frac{1}{10} =$ _____

08 $\frac{2}{3} - \frac{2}{4} =$ _____

09 $\frac{4}{10} + \frac{5}{9} =$ _____

10 $\frac{2}{6} + \frac{5}{11} =$ _____

Week 12 · Fractions Practice · 2

Add or subtract. Simplify each answer. Write improper fractions as mixed numbers.

Name _____ Date _____ Score _____ / 10

01 $\frac{1}{2} - \frac{2}{6} =$ _____

02 $\frac{1}{2} - \frac{1}{4} =$ _____

03 $\frac{1}{2} + \frac{1}{6} =$ _____

04 $\frac{3}{6} - \frac{5}{12} =$ _____

05 $\frac{4}{7} - \frac{3}{8} =$ _____

06 $\frac{2}{7} + \frac{1}{5} =$ _____

07 $\frac{1}{7} + \frac{7}{9} =$ _____

08 $\frac{2}{3} - \frac{2}{10} =$ _____

09 $\frac{6}{12} + \frac{2}{5} =$ _____

10 $\frac{2}{12} + \frac{1}{11} =$ _____

Week 12 • Fractions Practice • 3

Add or subtract. Simplify each answer. Write improper fractions as mixed numbers.

Name _____ Date _____ Score _____ / 10

01 $\frac{3}{4} + \frac{1}{12} =$ _____

02 $\frac{2}{4} + \frac{1}{2} =$ _____

03 $\frac{9}{10} - \frac{3}{5} =$ _____

04 $\frac{6}{7} - \frac{8}{11} =$ _____

05 $\frac{5}{11} - \frac{1}{8} =$ _____

06 $\frac{3}{9} + \frac{3}{5} =$ _____

07 $\frac{2}{12} + \frac{3}{7} =$ _____

08 $\frac{2}{4} + \frac{1}{9} =$ _____

09 $\frac{6}{9} - \frac{4}{11} =$ _____

10 $\frac{7}{12} + \frac{1}{6} =$ _____

Week 12 · Fractions Practice · 1 (Answer Key)

Add or subtract. Simplify each answer. Write improper fractions as mixed numbers.

01 $\frac{2}{3} + \frac{3}{9} = 1$

02 $\frac{2}{12} + \frac{3}{4} = \frac{11}{12}$

03 $\frac{1}{4} + \frac{4}{12} = \frac{7}{12}$

04 $\frac{1}{2} - \frac{1}{6} = \frac{1}{3}$

05 $\frac{4}{8} - \frac{4}{9} = \frac{1}{18}$

06 $\frac{3}{5} - \frac{4}{11} = \frac{13}{55}$

07 $\frac{7}{9} - \frac{1}{10} = \frac{61}{90}$

08 $\frac{2}{3} - \frac{2}{4} = \frac{1}{6}$

09 $\frac{4}{10} + \frac{5}{9} = \frac{43}{45}$

10 $\frac{2}{6} + \frac{5}{11} = \frac{26}{33}$

Week 12 · Fractions Practice · 2 (Answer Key)

Add or subtract. Simplify each answer. Write improper fractions as mixed numbers.

01 $\frac{1}{2} - \frac{2}{6} = \frac{1}{6}$

02 $\frac{1}{2} - \frac{1}{4} = \frac{1}{4}$

03 $\frac{1}{2} + \frac{1}{6} = \frac{2}{3}$

04 $\frac{3}{6} - \frac{5}{12} = \frac{1}{12}$

05 $\frac{4}{7} - \frac{3}{8} = \frac{11}{56}$

06 $\frac{2}{7} + \frac{1}{5} = \frac{17}{35}$

07 $\frac{1}{7} + \frac{7}{9} = \frac{58}{63}$

08 $\frac{2}{3} - \frac{2}{10} = \frac{7}{15}$

09 $\frac{6}{12} + \frac{2}{5} = \frac{9}{10}$

10 $\frac{2}{12} + \frac{1}{11} = \frac{17}{66}$

Week 12 • Fractions Practice • 3 (Answer Key)

Add or subtract. Simplify each answer. Write improper fractions as mixed numbers.

01 $\frac{3}{4} + \frac{1}{12} = \frac{5}{6}$

02 $\frac{2}{4} + \frac{1}{2} = 1$

03 $\frac{9}{10} - \frac{3}{5} = \frac{3}{10}$

04 $\frac{6}{7} - \frac{8}{11} = \frac{10}{77}$

05 $\frac{5}{11} - \frac{1}{8} = \frac{29}{88}$

06 $\frac{3}{9} + \frac{3}{5} = \frac{14}{15}$

07 $\frac{2}{12} + \frac{3}{7} = \frac{25}{42}$

08 $\frac{2}{4} + \frac{1}{9} = \frac{11}{18}$

09 $\frac{6}{9} - \frac{4}{11} = \frac{10}{33}$

10 $\frac{7}{12} + \frac{1}{6} = \frac{3}{4}$