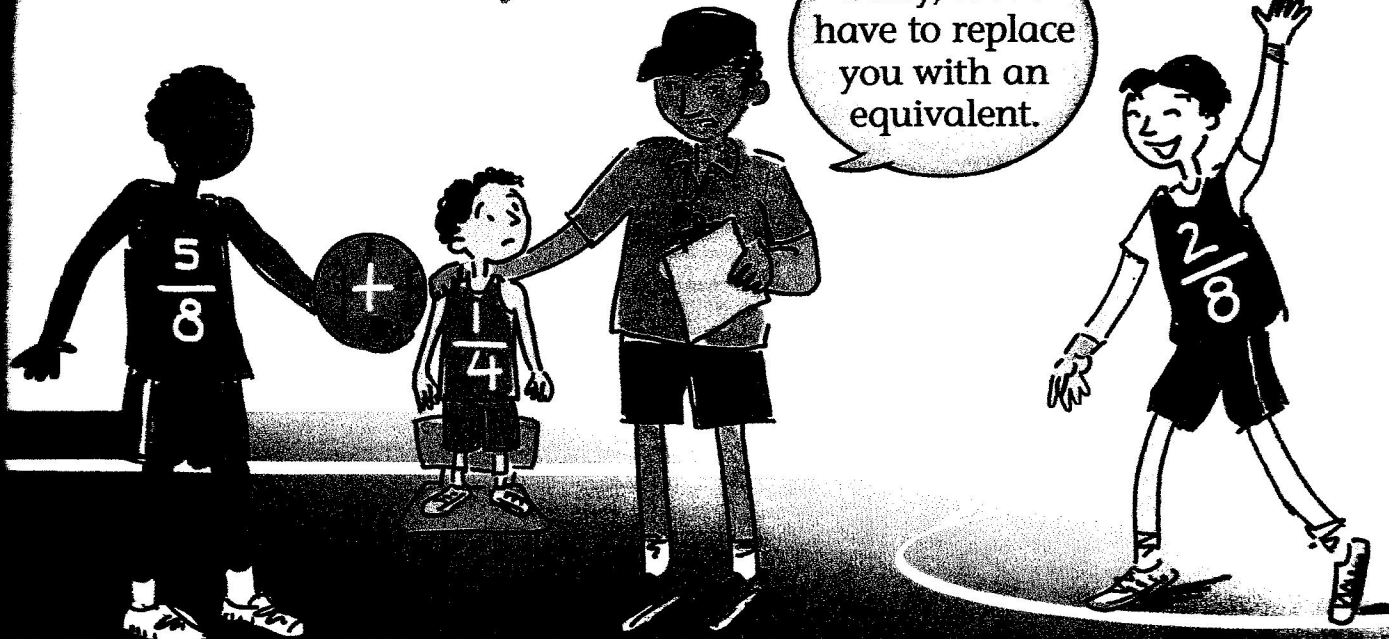


Add and Subtract Fractions

Skill: Add and subtract fractions with unlike denominators

To add or subtract fractions, the fractions must be equivalent.

Sorry, kid. I have to replace you with an equivalent.



- 1** Lay out the mats and the cards.
- 2** Look at the fractions in each equation on the mats.
- 3** Find the cards that show equivalent fractions with a common denominator and place them in the green squares.
- 4** Add or subtract the equivalent fractions and find the card that shows the answer.
- 5** Place the answer card in the white square on the mat.
- 6** Complete the response form.

Add and Subtract Fractions

1. $\frac{2}{3} + \frac{1}{4} = \frac{\square}{12} + \frac{\square}{12} = \frac{\square}{12}$

2. $\frac{7}{9} - \frac{1}{2} = \frac{\square}{18} - \frac{\square}{18} = \frac{\square}{18}$

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

4. $\frac{3}{6} - \frac{2}{4} = \frac{\square}{12} - \frac{\square}{12} = \frac{\square}{12}$

5. $\frac{2}{9} + \frac{1}{3} = \frac{\square}{9} + \frac{\square}{9} = \frac{\square}{9}$

Response Form:

1. $\frac{2}{3} + \frac{1}{4} = \frac{\square}{12} + \frac{\square}{12} = \frac{\square}{12}$

2. $\frac{7}{9} - \frac{1}{2} = \frac{\square}{18} - \frac{\square}{18} = \frac{\square}{18}$

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

4. $\frac{3}{6} - \frac{2}{4} = \frac{\square}{12} - \frac{\square}{12} = \frac{\square}{12}$

5. $\frac{2}{9} + \frac{1}{3} = \frac{\square}{9} + \frac{\square}{9} = \frac{\square}{9}$

Available cards: $\frac{1}{2}$, $\frac{16}{15}$, $\frac{2}{10}$, $\frac{1}{5}$, $\frac{7}{18}$

Add and Subtract Fractions

1

$$\frac{2}{3} + \frac{1}{4} = \text{Equivalent Fraction} + \text{Equivalent Fraction} = \text{Answer}$$

2

$$\frac{7}{8} - \frac{1}{2} = \text{Equivalent Fraction} - \text{Equivalent Fraction} = \text{Answer}$$

3

$$\frac{9}{10} + \frac{1}{5} = \text{Equivalent Fraction} + \text{Equivalent Fraction} = \text{Answer}$$

4

$$\frac{5}{6} - \frac{3}{4} = \text{Equivalent Fraction} - \text{Equivalent Fraction} = \text{Answer}$$

5

$$\frac{2}{9} + \frac{1}{3} = \text{Equivalent Fraction} + \text{Equivalent Fraction} = \text{Answer}$$

Add and Subtract Fractions

6

$$\frac{4}{5} + \frac{5}{6} = \boxed{\text{Equivalent Fraction}} + \boxed{\text{Equivalent Fraction}} = \text{Answer}$$

7

$$\frac{7}{10} - \frac{5}{12} = \boxed{\text{Equivalent Fraction}} - \boxed{\text{Equivalent Fraction}} = \text{Answer}$$

8

$$\frac{4}{5} - \frac{5}{8} = \boxed{\text{Equivalent Fraction}} - \boxed{\text{Equivalent Fraction}} = \text{Answer}$$

9

$$\frac{3}{4} + \frac{4}{7} = \boxed{\text{Equivalent Fraction}} + \boxed{\text{Equivalent Fraction}} = \text{Answer}$$

10

$$\frac{2}{3} - \frac{1}{8} = \boxed{\text{Equivalent Fraction}} - \boxed{\text{Equivalent Fraction}} = \text{Answer}$$

$\frac{11}{10}$	$\frac{3}{12}$	$\frac{8}{12}$	$\frac{1}{12}$	$\frac{9}{12}$	$\frac{5}{8}$
$\frac{9}{10}$	$\frac{2}{10}$	$\frac{10}{12}$	$\frac{7}{8}$	$\frac{4}{8}$	$\frac{3}{8}$
$\frac{32}{40}$	$\frac{21}{28}$	$\frac{2}{9}$	$\frac{3}{9}$	$\frac{5}{9}$	$\frac{4}{12}$
$\frac{25}{40}$	$\frac{16}{28}$	$\frac{24}{30}$	$\frac{42}{60}$	$\frac{16}{24}$	$\frac{3}{24}$
$\frac{7}{40}$	$\frac{37}{28}$	$\frac{25}{30}$	$\frac{25}{60}$	$\frac{13}{24}$	$\frac{2}{3}$
$\frac{5}{12}$	$\frac{11}{12}$	$\frac{49}{30}$	$\frac{17}{60}$	$\frac{38}{30}$	$\frac{5}{8}$

Add and Subtract Fractions

Look at the mats. Write the answer to each equation in its simplest form.

1 _____ 2 _____ 3 _____ 4 _____ 5 _____

6 _____ 7 _____ 8 _____ 9 _____ 10 _____

Convert the mixed numbers in the equations below to improper and equivalent fractions. Then add or subtract. Write the answer in its simplest form.

equation	improper fractions	equivalent fractions	answer	simplest form
$1\frac{8}{9} + 2\frac{2}{3} =$	$\frac{17}{9} + \frac{8}{3} =$	$\frac{17}{9} + \frac{24}{9} =$	$\frac{41}{9} =$	$4\frac{5}{9}$
$3\frac{3}{4} + 4\frac{3}{8} =$	$+ =$	$+ =$	$=$	$=$
$4\frac{2}{3} - 1\frac{1}{2} =$	$- =$	$- =$	$=$	$=$
$3\frac{3}{4} - 2\frac{2}{3} =$	$- =$	$- =$	$=$	$=$
$2\frac{5}{6} + 7\frac{1}{4} =$	$+ =$	$+ =$	$=$	$=$
$10\frac{7}{8} - 5\frac{3}{4} =$	$- =$	$- =$	$=$	$=$