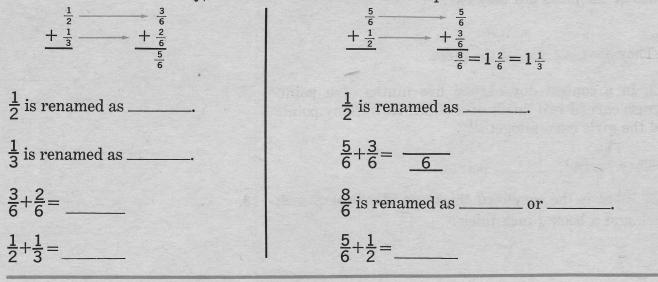
NAME_

Addition

To add two or more fractional numbers, first rename the numbers so they have the least common denominator possible. Then proceed as you do with numbers that have a common denominator. If necessary, rename the sum so it is in simplest form.



Express each sum in simplest form.

a 1. $\frac{2}{5}$ $+\frac{1}{2}$	b $\frac{1}{4}$ $+\frac{2}{3}$	c $\frac{2}{5}$ $+\frac{1}{3}$	d $\frac{\frac{1}{6}}{+\frac{1}{2}}$
2. $\frac{1}{4}$ $+\frac{3}{8}$	$\begin{array}{c} \frac{2}{3} \\ +\frac{1}{6} \end{array}$	$\frac{\frac{1}{2}}{+\frac{1}{4}}$	$\frac{\frac{7}{8}}{\frac{+\frac{1}{2}}{2}}$
3. $\frac{5}{6}$ $\frac{3}{5}$ $+\frac{1}{3}$	$ \frac{\frac{2}{3}}{\frac{3}{4}} \\ +\frac{1}{2} $	$ \frac{\frac{7}{8}}{\frac{1}{2}} + \frac{3}{4} $	5 8 3 4 + 3

Check your answers. Record your score.

Perfect score: 12

My score: _

Problems

Solve. Express each answer in simplest form.

1. Nadine ate $\frac{1}{3}$ of the pizza. Fred ate $\frac{1}{4}$ of it. How 1. much of the pizza did they eat?

They ate _____ of the pizza.

2. In a contest Joy earned five ninths of a point. Denise earned two thirds of a point. How many points did the girls earn altogether?

They earned _____ points.

3. What is the combined thickness of a book $\frac{3}{8}$ inch thick and a book $\frac{3}{4}$ inch thick?

The combined thickness is _____ inches.

4. Before lunch Mattie read $\frac{3}{5}$ hour. After lunch she read $\frac{1}{4}$ hour. How long did she read altogether?

She read _____ hour.

5. Walter has a rock that weighs $\frac{5}{6}$ pound. Henry has a rock that weighs $\frac{3}{5}$ pound. What is the combined weight of these rocks?

The combined weight is _____ pounds.

6. Ben ate $\frac{1}{2}$ pound of candy, Tom ate $\frac{1}{3}$ pound, and Jim ate $\frac{1}{4}$ pound. How much candy did the boys eat in all?

They ate _____ pounds of candy.

7. Marjorie practices piano $\frac{5}{6}$ hour daily. Alfreda practices $\frac{2}{3}$ hour daily. Lucie practices $\frac{1}{2}$ hour daily. How many hours do these girls practice daily?

They practice _____ hours daily.

Check your answers. Record your score.

Perfect score: 7

2.

3.

4.

5.

6.

7.

My score:

PRE-TEST—Addition

Express each sum in simplest form.

a 1. $\frac{1}{4}$ $+\frac{2}{3}$	b $\frac{1}{6}$ $+\frac{1}{2}$	c $\frac{1}{4}$ $+\frac{3}{10}$	d $\frac{5}{9}$ $+\frac{1}{6}$
2. $2\frac{5}{14}$ + $3\frac{2}{7}$	$1\frac{5}{8}$ + $4\frac{1}{6}$	$5\frac{3}{4}$ + $\frac{1}{5}$	$\frac{\frac{1}{12}}{+6\frac{3}{11}}$
3. $\frac{\frac{7}{8}}{+\frac{5}{12}}$	$\frac{\frac{7}{12}}{+\frac{5}{6}}$	$\frac{\frac{7}{10}}{+\frac{11}{12}}$	$\frac{\frac{3}{5}}{+\frac{11}{15}}$
$4. \frac{7}{9} \\ +3\frac{11}{12}$	$6\frac{7}{10} + 1\frac{7}{15}$	$5\frac{7}{9}$ + $\frac{8}{27}$	$4\frac{15}{24} + 2\frac{7}{12}$
5. $\frac{\frac{1}{2}}{\frac{2}{3}}$ + $\frac{3}{4}$	$56 \frac{5}{38} + \frac{1}{4}$	$3\frac{4}{5}$ $1\frac{7}{10}$ $+2\frac{3}{20}$	$ \frac{\frac{8}{15}}{4\frac{7}{9}} \\ +5\frac{5}{6} $

Check your answers. Record your score. Perfect score: 20 My score:

98