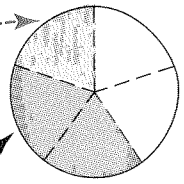
NAME _____

Lesson 1 Addition (fractions)

$\frac{1}{5}$ of the figure is blue.

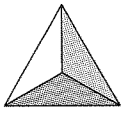
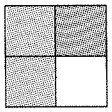
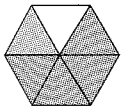
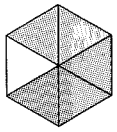
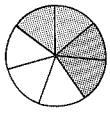
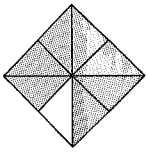
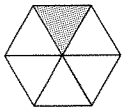
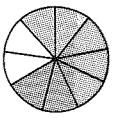
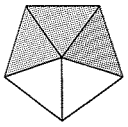
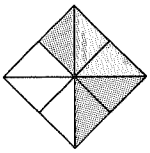
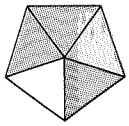
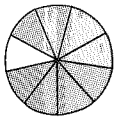
$\frac{2}{5}$ of the figure is grey.

$\frac{3}{5}$ of the figure is coloured.



$\frac{1}{5} + \frac{2}{5} = \frac{3}{5}$

Complete the following.

	a	*b*	*c*
1.			
	$\frac{1}{3} + \frac{1}{3} =$	$\frac{2}{4} + \frac{1}{4} =$	$\frac{1}{6} + \frac{4}{6} =$
2.			
	$\frac{2}{6} + \frac{3}{6} =$	$\frac{2}{7} + \frac{2}{7} =$	$\frac{5}{8} + \frac{2}{8} =$
3.			
	$\frac{1}{6} + \frac{0}{6} =$	$\frac{2}{9} + \frac{5}{9} =$	$\frac{2}{5} + \frac{1}{5} =$
4.			
	$\frac{3}{8} + \frac{2}{8} =$	$\frac{3}{5} + \frac{1}{5} =$	$\frac{4}{9} + \frac{4}{9} =$

CHAPTER 12

NAME _____

Lesson 2 Addition (like denominators)

Study how to add two fractions that have the same denominator.

Add the numerators.

$$\frac{3}{8}+\frac{2}{8}=\frac{3+2}{8}=\frac{5}{8}$$

Use the same denominator.

Add the numerators.

$$\begin{array}{r} \frac{3}{8} \\ +\frac{2}{8} \\ \hline \frac{5}{8} \end{array}$$

Use the same denominator.

Add.

	a	*b*	*c*	*d*	*e*
1.	$\begin{array}{r} \frac{1}{3} \\ +\frac{1}{3} \\ \hline \end{array}$	$\begin{array}{r} \frac{2}{7} \\ +\frac{4}{7} \\ \hline \end{array}$	$\begin{array}{r} \frac{5}{8} \\ +\frac{2}{8} \\ \hline \end{array}$	$\begin{array}{r} \frac{1}{4} \\ +\frac{2}{4} \\ \hline \end{array}$	$\begin{array}{r} \frac{2}{5} \\ +\frac{2}{5} \\ \hline \end{array}$
2.	$\begin{array}{r} \frac{4}{9} \\ +\frac{3}{9} \\ \hline \end{array}$	$\begin{array}{r} \frac{4}{8} \\ +\frac{1}{8} \\ \hline \end{array}$	$\begin{array}{r} \frac{1}{6} \\ +\frac{4}{6} \\ \hline \end{array}$	$\begin{array}{r} \frac{3}{7} \\ +\frac{3}{7} \\ \hline \end{array}$	$\begin{array}{r} \frac{2}{10} \\ +\frac{5}{10} \\ \hline \end{array}$
3.	$\begin{array}{r} \frac{2}{5} \\ +\frac{1}{5} \\ \hline \end{array}$	$\begin{array}{r} \frac{3}{6} \\ +\frac{2}{6} \\ \hline \end{array}$	$\begin{array}{r} \frac{2}{8} \\ +\frac{1}{8} \\ \hline \end{array}$	$\begin{array}{r} \frac{2}{7} \\ +\frac{2}{7} \\ \hline \end{array}$	$\begin{array}{r} \frac{2}{9} \\ +\frac{2}{9} \\ \hline \end{array}$
4.	$\begin{array}{r} \frac{1}{9} \\ +\frac{4}{9} \\ \hline \end{array}$	$\begin{array}{r} \frac{1}{7} \\ +\frac{4}{7} \\ \hline \end{array}$	$\begin{array}{r} \frac{6}{8} \\ +\frac{1}{8} \\ \hline \end{array}$	$\begin{array}{r} \frac{1}{5} \\ +\frac{1}{5} \\ \hline \end{array}$	$\begin{array}{r} \frac{3}{7} \\ +\frac{1}{7} \\ \hline \end{array}$

NAME _____

Lesson 3 Addition (like denominators)

$$\begin{array}{r} \frac{7}{10} \\ +\frac{9}{10} \\ \hline \frac{16}{10} = 1\frac{3}{5} \end{array}$$

Add.

Change to simplest form.

$$\begin{array}{r} \frac{1}{12} \\ +\frac{11}{12} \\ \hline \frac{12}{12} = 1 \end{array}$$

Add. Write each answer in simplest form.

	a	*b*	*c*	*d*
1.	$\begin{array}{r} \frac{2}{3} \\ +\frac{2}{3} \\ \hline \end{array}$	$\begin{array}{r} \frac{4}{5} \\ +\frac{3}{5} \\ \hline \end{array}$	$\begin{array}{r} \frac{2}{9} \\ +\frac{1}{9} \\ \hline \end{array}$	$\begin{array}{r} \frac{1}{4} \\ +\frac{1}{4} \\ \hline \end{array}$
2.	$\begin{array}{r} \frac{1}{8} \\ +\frac{5}{8} \\ \hline \end{array}$	$\begin{array}{r} \frac{3}{10} \\ +\frac{9}{10} \\ \hline \end{array}$	$\begin{array}{r} \frac{3}{4} \\ +\frac{3}{4} \\ \hline \end{array}$	$\begin{array}{r} \frac{7}{12} \\ +\frac{11}{12} \\ \hline \end{array}$
3.	$\begin{array}{r} \frac{1}{2} \\ +\frac{1}{2} \\ \hline \end{array}$	$\begin{array}{r} \frac{6}{7} \\ +\frac{5}{7} \\ \hline \end{array}$	$\begin{array}{r} \frac{7}{8} \\ +\frac{7}{8} \\ \hline \end{array}$	$\begin{array}{r} \frac{5}{6} \\ +\frac{1}{6} \\ \hline \end{array}$
4.	$\begin{array}{r} \frac{3}{5} \\ +\frac{3}{5} \\ \hline \end{array}$	$\begin{array}{r} \frac{5}{12} \\ +\frac{7}{12} \\ \hline \end{array}$	$\begin{array}{r} \frac{8}{9} \\ +\frac{5}{9} \\ \hline \end{array}$	$\begin{array}{r} \frac{7}{10} \\ +\frac{9}{10} \\ \hline \end{array}$

NAME _____

Lesson 4 Addition (mixed numerals)

$4\frac{5}{8}$	Add the fractions.	$6\frac{7}{10}$
$+2\frac{1}{8}$	Add the whole numbers.	$+2\frac{9}{10}$
$6\frac{6}{8}=6\frac{3}{4}$	Change to simplest form.	$8\frac{16}{10}=9\frac{3}{5}$

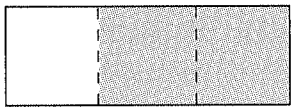
Add. Write each answer in simplest form.

	a	*b*	*c*	*d*
1.	$1\frac{2}{5}$ $+2\frac{1}{5}$	$4\frac{1}{6}$ $+2\frac{1}{6}$	$3\frac{1}{10}$ $+2\frac{3}{10}$	$19\frac{3}{8}$ $+7\frac{1}{8}$
2.	$5\frac{3}{4}$ $+1\frac{3}{4}$	$6\frac{2}{3}$ $+1\frac{1}{3}$	$2\frac{9}{10}$ $+1\frac{7}{10}$	$26\frac{4}{5}$ $+13\frac{3}{5}$
3.	$4\frac{1}{2}$ $+2\frac{1}{2}$	$3\frac{5}{6}$ $+4\frac{5}{6}$	$8\frac{7}{12}$ $+4\frac{11}{12}$	$36\frac{7}{8}$ $+27\frac{5}{8}$
4.	$7\frac{2}{3}$ $+6\frac{2}{3}$	$9\frac{2}{5}$ $+4\frac{4}{5}$	$11\frac{3}{10}$ $+6\frac{7}{10}$	$58\frac{7}{9}$ $+31\frac{5}{9}$

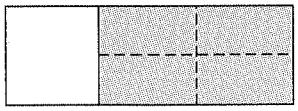
NAME _____

Lesson 5 Renaming Fractions

By separating the figure in different ways, you can write different fractions to tell how much is blue.



$\frac{2}{3}$ of the figure is blue.



$\frac{4}{6}$ of the figure is blue.

$$\frac{2}{3} = \frac{4}{6}$$

$\frac{2}{3} = \frac{\square}{6}$

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

$\frac{2}{3} = \frac{4}{6}$

Choose 2 so the new denominator is 6.

$\frac{2}{3} = \frac{\square}{9}$

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

$\frac{2}{3} = \frac{6}{9}$

Choose 3 so the new denominator is 9.

Multiply the numerator and the denominator by the same number.

Rename.

	a	*b*	*c*
1.	$\frac{2}{3} = \frac{\square}{12}$	$\frac{3}{4} = \frac{\square}{8}$	$\frac{5}{6} = \frac{\square}{12}$
2.	$\frac{1}{2} = \frac{\square}{10}$	$\frac{2}{5} = \frac{\square}{10}$	$\frac{3}{5} = \frac{\square}{15}$
3.	$\frac{3}{4} = \frac{\square}{12}$	$\frac{3}{8} = \frac{\square}{16}$	$\frac{4}{5} = \frac{\square}{20}$

CHAPTER 12

Lesson 5 Renaming Fractions

$$\frac{7}{8} = \frac{\square}{32}$$
$$\frac{7}{8} = \frac{7}{8} \times 4$$
$$\frac{7}{8} = \frac{28}{32}$$

$$7 = \frac{\square}{3}$$
$$\frac{7}{1} = \frac{7}{1} \times 3$$
$$7 = \frac{21}{3}$$

Name the whole number as a fraction whose denominator is 1. Then rename.

Rename.

	a	*b*	*c*
1.	$\frac{1}{2} = \frac{\square}{4}$	$\frac{1}{3} = \frac{\square}{9}$	$3 = \frac{\square}{12}$
2.	$6 = \frac{\square}{2}$	$\frac{4}{5} = \frac{\square}{10}$	$7 = \frac{\square}{5}$
3.	$\frac{1}{4} = \frac{\square}{8}$	$\frac{2}{3} = \frac{\square}{15}$	$4 = \frac{\square}{3}$
4.	$\frac{1}{3} = \frac{\square}{6}$	$\frac{1}{2} = \frac{\square}{8}$	$6 = \frac{\square}{6}$

NAME _____

Lesson 6 Addition (unlike denominators)

When adding fractions that have different denominators, rename the fractions so they have the same denominator.

$$\begin{array}{r} \frac{1}{3} \\ +\frac{1}{2} \\ \hline \end{array} \quad \begin{array}{r} \times\frac{2}{2} \\ \times\frac{3}{3} \\ \hline \end{array} \quad \begin{array}{r} \frac{2}{6} \\ +\frac{3}{6} \\ \hline \frac{5}{6} \end{array}$$

The denominators are 2 and 3. Since $2 \times 3 = 6$, rename each fraction with a denominator of 6.

Then add the fractions.

$$\begin{array}{r} \frac{1}{2} \\ +\frac{2}{3} \\ \hline \end{array} \quad \begin{array}{r} \times\frac{3}{3} \\ \times\frac{2}{2} \\ \hline \end{array} \quad \begin{array}{r} \frac{3}{6} \\ +\frac{4}{6} \\ \hline \frac{7}{6} = 1\frac{1}{6} \end{array}$$

Change $\frac{7}{6}$ to a mixed numeral in simplest form.

Write each answer in simplest form.

	a	*b*	*c*	*d*
1.	$\begin{array}{r} \frac{2}{5} \\ +\frac{1}{2} \\ \hline \end{array}$	$\begin{array}{r} \frac{1}{4} \\ +\frac{2}{3} \\ \hline \end{array}$	$\begin{array}{r} \frac{2}{5} \\ +\frac{1}{3} \\ \hline \end{array}$	$\begin{array}{r} \frac{1}{2} \\ +\frac{1}{5} \\ \hline \end{array}$
2.	$\begin{array}{r} \frac{5}{6} \\ +\frac{3}{5} \\ \hline \end{array}$	$\begin{array}{r} \frac{2}{3} \\ +\frac{1}{5} \\ \hline \end{array}$	$\begin{array}{r} \frac{1}{3} \\ +\frac{3}{10} \\ \hline \end{array}$	$\begin{array}{r} \frac{5}{8} \\ +\frac{2}{3} \\ \hline \end{array}$
3.	$\begin{array}{r} \frac{3}{4} \\ +\frac{1}{3} \\ \hline \end{array}$	$\begin{array}{r} \frac{2}{3} \\ +\frac{4}{5} \\ \hline \end{array}$	$\begin{array}{r} \frac{2}{3} \\ +\frac{3}{4} \\ \hline \end{array}$	$\begin{array}{r} \frac{7}{8} \\ +\frac{1}{3} \\ \hline \end{array}$

CHAPTER 12

Lesson 6 Addition

$$\begin{array}{r} \frac{2}{5} \\ \times\frac{2}{2} \\ \hline \end{array} \quad \begin{array}{r} \frac{4}{10} \\ \\ \hline \end{array}$$

$$\begin{array}{r} \frac{2}{5} \\ +\frac{3}{10} \\ \hline \end{array} \longrightarrow \begin{array}{r} \frac{4}{10} \\ +\frac{3}{10} \\ \hline \frac{7}{10} \end{array}$$

The denominators are 5 and 10. Since $2 \times 5 = 10$, rename only $\frac{2}{5}$ with a denominator of 10.

Then add the fractions.

$$\begin{array}{r} \frac{7}{10} \\ +\frac{2}{5} \\ \hline \end{array} \longrightarrow \begin{array}{r} \frac{7}{10} \\ +\frac{4}{10} \\ \hline \end{array}$$

$$\times\frac{2}{2}$$

$\frac{11}{10} = 1\frac{1}{10}$ Change $\frac{11}{10}$ to simplest form.

Write each answer in simplest form.

	a	*b*	*c*	*d*
1.	$\frac{3}{4} + \frac{1}{8}$	$\frac{2}{3} + \frac{5}{6}$	$\frac{1}{2} + \frac{3}{10}$	$\frac{5}{12} + \frac{2}{3}$
2.	$\frac{5}{16} + \frac{3}{8}$	$\frac{1}{6} + \frac{1}{2}$	$\frac{5}{8} + \frac{1}{4}$	$\frac{9}{10} + \frac{3}{5}$
3.	$\frac{3}{4} + \frac{9}{16}$	$\frac{5}{12} + \frac{1}{4}$	$\frac{5}{6} + \frac{1}{3}$	$\frac{1}{2} + \frac{7}{8}$

NAME _____

Lesson 7 Addition (unlike denominators)

$\frac{1}{6} \times \frac{4}{4} = \frac{4}{24}$

$+\frac{5}{8} \times \frac{3}{3} = +\frac{15}{24}$

$\frac{19}{24}$

The denominators are 6 and 8. Since $4 \times 6 = 24$ and $3 \times 8 = 24$, rename each fraction with a denominator of 24.

Then add the fractions.

$\frac{5}{6} \times \frac{4}{4} = \frac{20}{24}$

$+\frac{3}{8} \times \frac{3}{3} = +\frac{9}{24}$

$\frac{29}{24} = 1\frac{5}{24}$

Change $\frac{29}{24}$ to simplest form.

Write each answer in simplest form.

	a	*b*	*c*	*d*
1.	$\frac{1}{9} + \frac{1}{6}$	$\frac{1}{6} + \frac{1}{4}$	$\frac{5}{6} + \frac{1}{8}$	$\frac{1}{10} + \frac{1}{12}$
2.	$\frac{1}{6} + \frac{3}{8}$	$\frac{3}{4} + \frac{1}{6}$	$\frac{5}{6} + \frac{5}{8}$	$\frac{3}{10} + \frac{3}{8}$
3.	$\frac{3}{10} + \frac{5}{12}$	$\frac{5}{6} + \frac{4}{9}$	$\frac{3}{10} + \frac{1}{4}$	$\frac{5}{6} + \frac{3}{10}$
4.	$\frac{7}{10} + \frac{5}{6}$	$\frac{11}{12} + \frac{7}{8}$	$\frac{9}{10} + \frac{7}{8}$	$\frac{1}{4} + \frac{5}{6}$

CHAPTER 12

Lesson 7 Problem Solving

Solve. Write each answer in simplest form.

1. To make green paint, Andrea mixed $\frac{7}{8}$ can of yellow paint and $\frac{1}{2}$ can of blue paint. How much green paint did she make?

She made _____ cans of green paint.

2. Sean painted $\frac{1}{3}$ of a fence. Sandra painted $\frac{1}{4}$ of the fence. How much of the fence did they paint?

They painted _____ of the fence.

3. Maureen bought $\frac{3}{4}$ of a round of cheese. Chang bought $\frac{1}{2}$ of a round of cheese. How much cheese did they buy?

They bought _____ rounds of cheese.

4. Joy used $\frac{2}{3}$ of a bag of milk in three bowls of cereal, and then $\frac{3}{4}$ of a bag to make milkshakes. How many bags of milk did Joy use?

Joy used _____ bags of milk.

5. Elisabeth read $\frac{1}{2}$ of a book on Monday, and $\frac{3}{8}$ of the book on Tuesday. How much of the book did she read on the 2 days?

She read _____ of the book.

6. Richard used $\frac{3}{4}$ of a can of paint on Saturday. He used $\frac{13}{16}$ of a can of paint on Sunday. How much paint did he use altogether?

He used _____ cans of paint.

7. It rained for $\frac{3}{10}$ h yesterday and $\frac{3}{4}$ h today. How long did it rain on the 2 days?

It rained for _____ h on the 2 days.

1.	
2.	**3.**
4.	**5.**
6.	**7.**

NAME _____

Lesson 8 Addition (mixed numerals)

Rename the fractions so they have the same denominator.

$3\frac{1}{4} \rightarrow 3\frac{3}{12}$
$+2\frac{5}{6} \rightarrow +2\frac{10}{12}$
$5\frac{13}{12} = 6\frac{1}{12}$ Change to simplest form.

$4\frac{1}{2} \rightarrow 4\frac{3}{6}$
$+3\frac{2}{3} \rightarrow +3\frac{4}{6}$
$7\frac{7}{6} = 8\frac{1}{6}$

Write each answer in simplest form.

	a	*b*	*c*	*d*
1.	$3\frac{5}{6}$ $+4\frac{5}{8}$	$5\frac{2}{3}$ $+1\frac{5}{6}$	$6\frac{5}{6}$ $+3\frac{1}{4}$	$\frac{1}{2}$ $+2\frac{3}{4}$
2.	$1\frac{5}{6}$ $+4\frac{1}{3}$	$5\frac{1}{2}$ $+2\frac{3}{4}$	$3\frac{2}{3}$ $+\frac{3}{4}$	$2\frac{3}{5}$ $+1\frac{1}{2}$
3.	$4\frac{3}{8}$ $+6\frac{1}{4}$	$5\frac{1}{3}$ $+\frac{2}{5}$	$4\frac{2}{5}$ $+2\frac{3}{10}$	$2\frac{1}{8}$ $+5\frac{3}{4}$
4.	$3\frac{1}{2}$ $+3\frac{1}{2}$	$1\frac{3}{8}$ $+2\frac{1}{2}$	$9\frac{3}{4}$ $+6\frac{1}{2}$	$12\frac{2}{3}$ $+1\frac{5}{6}$

CHAPTER 12

Lesson 8 Problem Solving

Solve each problem.

1. Jennifer spent $1\frac{1}{2}$ h working on Ms. Thomkin's car on Monday. She spent $2\frac{3}{4}$ h more on Tuesday to finish the tune-up. How many hours in all did she work on Ms. Thomkin's car?

She worked _____ h in all.

1.

2. Marissa worked $7\frac{1}{4}$ h on Monday. She worked $9\frac{3}{4}$ h on Tuesday. How many hours did she work in all on Monday and Tuesday?

She worked _____ h in all on Monday and Tuesday.

2.

3. The auto repair shop is $1\frac{3}{10}$ km from the bank. The bank is $3\frac{3}{5}$ km from Gina's home. After she left her car at the shop, Gina walked to the bank. Then she walked home. How far did Gina walk in all?

Gina walked _____ km.

3.

4. It took $2\frac{5}{6}$ h to fix Mrs. Sax's car. It took $3\frac{1}{2}$ h to fix Mr. Wong's car. How long did it take to fix both cars?

It took _____ h to fix both cars.

4.

NAME _____

Lesson 9 Addition Review

Write each answer in simplest form.

	a	*b*	*c*	*d*
1.	$\frac{1}{12} + \frac{1}{6}$	$5\frac{5}{6} + 3\frac{5}{8}$	$4\frac{1}{3} + 2\frac{3}{4}$	$\frac{9}{16} + \frac{3}{4}$
2.	$1\frac{1}{4} + 6\frac{3}{5}$	$\frac{4}{7} + \frac{9}{10}$	$3\frac{3}{4} + \frac{9}{10}$	$\frac{7}{18} + \frac{7}{9}$
3.	$\frac{5}{7} + \frac{1}{2}$	$4\frac{2}{5} + 2\frac{8}{15}$	$\frac{5}{12} + 5\frac{3}{4}$	$\frac{9}{14} + \frac{3}{4}$
4.	$2\frac{1}{10} + 1\frac{1}{6}$	$\frac{1}{12} + \frac{5}{9}$	$\frac{5}{6} + \frac{1}{2}$	$8\frac{1}{3} + 3\frac{2}{9}$
5.	$\frac{2}{5} + \frac{3}{10}$	$\frac{7}{9} + 1\frac{1}{6}$	$5\frac{2}{5} + 3\frac{7}{10}$	$7\frac{3}{4} + 9\frac{5}{6}$

CHAPTER 12

Lesson 9 Problem Solving

Solve. Write each answer in simplest form.

1. Emilio planted $3\frac{1}{2}$ rows of corn and $2\frac{3}{4}$ rows of beans. How many rows did he plant altogether?

He planted _____ rows.

2. Arlene spent $2\frac{1}{2}$ h planting part of a garden. It took her $1\frac{3}{4}$ h to finish planting the garden. How long did it take to plant the garden?

It took _____ h.

3. It takes April $\frac{3}{4}$ h to fall asleep, and then she sleeps for $8\frac{1}{2}$ h. How long is April in bed?

April is in bed for _____ h.

4. June's school is $6\frac{1}{2}$ blocks from her house. The grocery store is $7\frac{3}{4}$ blocks from the school. How far is it from June's house to the grocery store?

It is _____ blocks.

5. Ned can run 10 km in $1\frac{1}{8}$ h. Phil can run 10 km in $\frac{1}{10}$ of an hour longer. How long does it take phil to run 10 km?

It takes Phil _____ h to run 10 km.

6. Jake used $1\frac{7}{12}$ cartons of eggs last week and $2\frac{5}{12}$ cartons this week. How many cartons of eggs did he use in the 2 weeks?

He used _____ cartons of eggs.

1.	2.
3.	4.
5.	6.

NAME _____

Lesson 10 Addition Review

Write each answer in simplest form.

	a	*b*	*c*	*d*
1.	$\begin{array}{r} \frac{1}{9} \\ +\frac{4}{9} \\ \hline \end{array}$	$\begin{array}{r} \frac{2}{7} \\ +\frac{3}{7} \\ \hline \end{array}$	$\begin{array}{r} \frac{8}{9} \\ +\frac{5}{9} \\ \hline \end{array}$	$\begin{array}{r} \frac{11}{16} \\ +\frac{7}{16} \\ \hline \end{array}$
2.	$\begin{array}{r} \frac{2}{3} \\ +\frac{1}{5} \\ \hline \end{array}$	$\begin{array}{r} \frac{2}{5} \\ +\frac{3}{4} \\ \hline \end{array}$	$\begin{array}{r} \frac{1}{2} \\ +\frac{3}{4} \\ \hline \end{array}$	$\begin{array}{r} \frac{5}{6} \\ +\frac{1}{12} \\ \hline \end{array}$
3.	$\begin{array}{r} \frac{7}{8} \\ +\frac{5}{6} \\ \hline \end{array}$	$\begin{array}{r} \frac{5}{12} \\ +\frac{1}{3} \\ \hline \end{array}$	$\begin{array}{r} \frac{1}{5} \\ +\frac{7}{10} \\ \hline \end{array}$	$\begin{array}{r} \frac{7}{8} \\ +\frac{5}{12} \\ \hline \end{array}$
4.	$\begin{array}{r} \frac{2}{5} \\ +\frac{1}{5} \\ \hline \end{array}$	$\begin{array}{r} 2\frac{1}{9} \\ +\frac{1}{3} \\ \hline \end{array}$	$\begin{array}{r} 7\frac{5}{8} \\ +\frac{2}{3} \\ \hline \end{array}$	$\begin{array}{r} 4\frac{7}{12} \\ +1\frac{1}{2} \\ \hline \end{array}$
5.	$\begin{array}{r} \frac{1}{5} \\ +\frac{1}{3} \\ \hline \end{array}$	$\begin{array}{r} \frac{3}{4} \\ +\frac{1}{5} \\ \hline \end{array}$	$\begin{array}{r} 1\frac{2}{3} \\ +1\frac{5}{6} \\ \hline \end{array}$	$\begin{array}{r} 3\frac{11}{12} \\ +2\frac{5}{6} \\ \hline \end{array}$

CHAPTER 12

Lesson 10 Problem Solving

Solve. Write each answer in simplest form.

1. Jared lives $\frac{7}{8}$ of a block from the stadium and $\frac{3}{8}$ of a block from the school. He walked home from school and then to the stadium. How far did he walk?

Jared walked _____ blocks.

2. Courtney read for $\frac{5}{6}$ h before dinner. After dinner she read for $\frac{2}{5}$ h. How long did she read?

Courtney read _____ h in all.

3. The Clements family drank $\frac{3}{4}$ of a carton of milk for dinner. There was $\frac{1}{8}$ of a carton left. How much milk was there before dinner?

There was _____ of a carton of milk.

4. Gary sprinted $1\frac{3}{10}$ laps around the track. Glen sprinted $\frac{3}{10}$ of a lap more. How far did Glen sprint?

Glen sprinted _____ laps.

5. Rocio read $4\frac{3}{4}$ books last week. His sister read $1\frac{1}{2}$ more books. How many books did Rocio's sister read?

Rocio's sister read _____ books.

6. To make pale blue paint, Lynn mixed $2\frac{1}{2}$ cans of blue paint and $3\frac{3}{4}$ cans of white paint. How much pale blue paint did she make?

She made _____ cans of pale blue paint.

7. Last year Becky could run for $49\frac{1}{2}$ min without stopping. Since then she has added $1\frac{7}{8}$ min. How long can she run now?

She can now run for _____ min.

1.		
2.	3.	
4.	5.	
6.	7.	

NAME _____

CHAPTER 12 PRACTICE TEST
Addition of Fractions

Write each answer in simplest form.

	a	*b*	*c*	*d*
1.	$\frac{3}{10} + \frac{1}{10}$	$\frac{5}{6} + \frac{1}{6}$	$\frac{7}{8} + \frac{5}{8}$	$\frac{4}{7} + \frac{1}{7}$
2.	$\frac{5}{8} + \frac{1}{4}$	$\frac{3}{10} + \frac{3}{4}$	$\frac{1}{2} + \frac{4}{5}$	$\frac{5}{6} + \frac{3}{4}$
3.	$5\frac{3}{10} + 1\frac{1}{3}$	$4\frac{2}{9} + 2\frac{2}{3}$	$\frac{5}{6} + 3\frac{1}{12}$	$6\frac{5}{12} + \frac{1}{3}$
4.	$1\frac{3}{4} + 4\frac{7}{10}$	$5\frac{1}{3} + \frac{4}{5}$	$2\frac{3}{4} + 6\frac{15}{16}$	$7\frac{7}{10} + 8\frac{4}{5}$
5.	$7\frac{1}{5} + \frac{1}{4}$	$9\frac{9}{10} + \frac{7}{12}$	$42\frac{5}{6} + 5\frac{2}{3}$	$54\frac{1}{2} + 21\frac{4}{5}$

CHAPTER 12

NAME _____

CHAPTER 13 PRETEST
Subtraction of Fractions

Write each answer in simplest form.

	a	*b*	*c*	*d*
1.	$\frac{7}{8} - \frac{3}{8}$	$\frac{8}{9} - \frac{2}{9}$	$\frac{5}{6} - \frac{1}{6}$	$\frac{11}{12} - \frac{3}{12}$
2.	$5\frac{4}{5} - 2\frac{1}{5}$	$4\frac{5}{9} - 3\frac{2}{9}$	$6\frac{4}{7} - 1\frac{6}{7}$	$3\frac{3}{8} - \frac{7}{8}$
3.	$\frac{5}{6} - \frac{2}{3}$	$\frac{2}{3} - \frac{1}{2}$	$\frac{8}{9} - \frac{1}{3}$	$\frac{7}{8} - \frac{3}{4}$
4.	$\frac{7}{10} - \frac{1}{5}$	$\frac{7}{8} - \frac{3}{10}$	$\frac{9}{10} - \frac{2}{5}$	$\frac{5}{6} - \frac{7}{12}$
5.	$4\frac{5}{6} - 2\frac{1}{3}$	$3\frac{7}{8} - 1\frac{2}{3}$	$2\frac{1}{10} - 1\frac{4}{5}$	$2\frac{1}{5} - \frac{2}{3}$