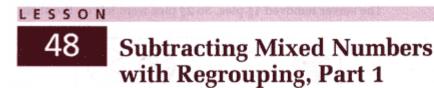
Lesson 48 255



## WARM-UP

Facts Practice: 30 Fractions to Reduce (Test G)

Mental Math: Count up and down by  $\frac{1}{8}$ 's between  $\frac{1}{8}$  and 3.

 a.  $8 \times 25$  b. 630 - 50 c. 62 + 19 

 d. \$4.50 + 75c e.  $\frac{1}{2}$  of \$15.00
 f.  $\frac{$225.00}{100}$  

 g.  $4 \times 7, -1, \div 3, \times 4, \div 6, \times 3, \div 2$ 

## Problem Solving:

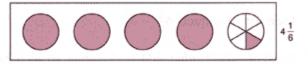
Brianna scored 85 on each of her first two tests. What score does she need on her third test to have an average score of 90 on her first three tests?

## NEW CONCEPT

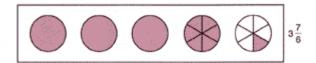
Here is another "separating" story about pies:

There were  $4\frac{1}{6}$  pies on the restaurant shelf. The server sliced one of the whole pies into sixths. Then the server removed  $1\frac{2}{6}$  pies. How many pies were left on the shelf?

We may illustrate this story with circles. There were  $4\frac{1}{6}$  pies on the shelf.



The server sliced one of the whole pies into sixths. This makes  $3\frac{7}{6}$  pies, which equals  $4\frac{1}{6}$  pies.



Lesson 48 257

Practice set*	Sub	tract:					101		
ractice set	a.			b.	$3\frac{2}{5}$		c.	$5\frac{2}{4}$	
		$-1\frac{2}{3}$		-	$2\frac{3}{5}$			$-1\frac{3}{4}$	
	d.	$5\frac{1}{8}$		e.	$7\frac{3}{12}$		f.	$6\frac{1}{4}$	
		$-2\frac{4}{8}$		_	$4\frac{10}{12}$			$-2\frac{3}{4}$	
MIXED PRACTI	CE	ua gir ng	i bana d	19.8	10 - 61. 1	a had			
Problem set		The avera two numl		o nun	nbers i	s 10. W	hat is	the su	um of the
		What is \$1.449 pe			0.0 gal	lons of	f gaso	oline p	priced a
		The movi The movi							
		Three of the numbers shown below are equal. Which number is not equal to the others?							
		A. $\frac{1}{2}$	В. (	0.2	-0 C C C	C. 0.5		D. $\frac{1}{2}$	00
	<b>5.</b> (44)	Arrange t	hese nun	nbers	in ord	er from	least	to grea	atest:
		1.02, 0.102, 0.12, 1.20, 0, -1							
	<b>6.</b> (37)	0.1 + 0.2	+ 0.3 +	0.4	<b>7</b> (39	, (8)(0.	125)		
		Juan was hiking 2.							

hike to reach the waterfall? (Write an equation and solve the problem.)

**9.** Estimate the sum of 4967, 8142, and 6890. (16)

**10.** 8)0.144 **11.** 6)0.9 **12.** 4)0.9 (45) (45)

**13.** What is the cost of 100 pens priced at 39c each?

**14.** Write  $(5 \times 10) + (6 \times \frac{1}{10}) + (4 \times \frac{1}{100})$  in standard form. **15.** What is the least common multiple of 6 and 8?

(30