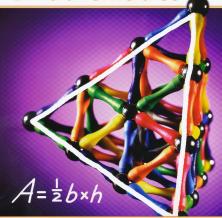
Level E

# § Mathematics



DALE SEYMOUR PUBLICATIONS
Pearson Learning Group

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## Numbers and Place Value

## Addition and Subtraction Facts

The fifth-grade class has entered 13 animals in the school pet show. Write two addition and two subtraction equations using the numbers of puppies, kittens, and pets.

We are looking for the two addition and two subtraction facts that make a fact family.

We know the sum or total number of pets in the show is

There are \_\_\_\_\_ puppies and \_\_\_\_\_ kittens entered.

To write the addition facts, we add the

addends, \_\_\_\_\_ and \_\_\_\_\_.

To write the subtraction facts, we subtract \_\_\_\_\_ and \_\_\_\_ from the total number of pets. subtrahend

The fact family for 5, 8, and 13 is made of two

facts and two \_\_\_\_\_\_ facts.



### Getting Started

Write the fact family for each set of numbers. 2, 7, 15, 8

3.16 - 9 = \_\_\_\_ 4. 7

1, 2, 4, 6

Lesson 1-1 . Addition and Subtraction Facts

rit	e the fact fan	nily fo	r each se	et of numbe	ers.						
ι.	3, 4, 7		2.	2,9,7		3.	6, 7, 13			4.	8, 0, 8
				7.7							
									_		
									_		
									_		
	12, 5, 7			9, 17, 8		-	7, 1, 8				11, 6, 5
٠.	12, 5, 7		0.	9, 17, 0		/.	7,1,0			0.	11, 0, 0
		_			_			_	-		
									_		
		_					_				
dd	or subtract.										
9.	7+2=		10.	3+1=		11.	11 - 5 =		12.	14 -	7 = _
3.	7+6=		14.	8-5=.		15.	8+0=_		16.	10 -	8 = _
7.	15 - 8 = _		18.	9+6=		19.	5+9=		20.	16 -	8 = _
1.	11	22.	8	23.	10	24.	9	25.	10	26	. 1
	- 8		+7		- 4		- 0		- 7		+ 5
	_										
7.	6	28.	9	29.	10	30.	15	31.	8	32	. 8
	+ 6	20.	- 3		- 7		- 6		+9		+4
	_										
13.	6	34.	6	35.	12	36.	7	37.	9	38	2
,,,,	+ 9	34.	-1	55.	- 6		+ 5	011	+9		+6
	_										
39.	4	40	9	41.	7	42.	8	43	11	44	6
99.	+9	40.	-1	41.	+3		-8	-3.	- 4	-	+5
	_		_		_						
					5	48.			10	50	7
15.	1	46.	14								

## **Addition Properties**

Addition properties are like special tools. They make it easier to work with numbers.

Name \_\_\_\_\_

You can add in any order.

5 + 2 = 7 2 + 5 = 73+6+7= \_\_\_\_ 7+3+6= \_\_\_\_

Associative Property

You can change the grouping. REMEMBER Add the numbers in parentheses first.

(6+3)+5=14 6+(3+5)=14

(8+2)+4= \_\_\_\_\_ 8+(2+4)= \_\_\_\_\_

Adding zero does not change a number.

5 + 0 = 5 0 + 7 = 7 0 + 1 = \_\_\_\_ 8 + 0 = \_\_\_\_

Here are some other useful things to know about zero. Subtracting zero does not change a number. 9 - 0 = 9

Subtracting a number from itself leaves zero. 8 − 8 = 0

7 - 0 = 3 - 3 = \_\_\_\_

Adding and subtracting are inverse operations. You can subtract to check addition.

15 - 9 = 6 because 6 + 9 = 15 12 - 7 = \_\_\_\_\_ because \_\_\_\_ + \_\_\_ = \_\_\_\_

**REMEMBER** Solving for n is finding the value for n in an equation.

Getting Started \_

Subtract. Check by adding.

Solve for n 1. 0+0=n 2. 0+6=nn = \_\_\_\_

n = \_\_\_\_

3, 15 4, 12 - 9

Add. Check by grouping the addends another way.

6. 5 7. 2 8. 6 9. (5+2)+6=n 10. (5+1)+6=n+ 3 +4

+4