

LEVEL SEVEN

SUBTRACTING WITH EXCHANGE

Developmental Mathematics

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Professor Emeritus
Long Island University

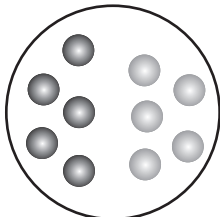


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1

TWO NUMBERS THAT MAKE TEN

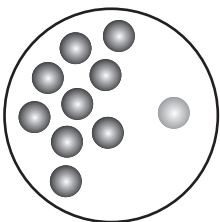
a.



$5 + 5 = \underline{\quad}$

$10 - 5 = \underline{\quad}$

b.



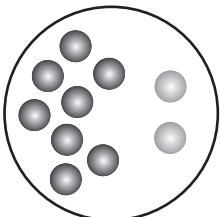
$9 + 1 = \underline{\quad}$

$1 + 9 = \underline{\quad}$

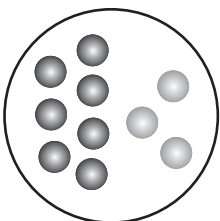
$10 - 1 = \underline{\quad}$

$10 - 9 = \underline{\quad}$

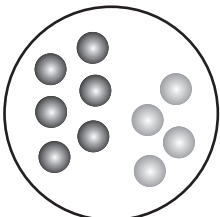
c.



d.



e.



Write the answer:

a. $8 + \underline{\quad} = 10$	$6 + \underline{\quad} = 10$	$7 + \underline{\quad} = 10$
$3 + \underline{\quad} = 10$	$1 + \underline{\quad} = 10$	$5 + \underline{\quad} = 10$
$2 + \underline{\quad} = 10$	$4 + \underline{\quad} = 10$	$9 + \underline{\quad} = 10$
b. $10 - 3 = \underline{\quad}$	$10 - 4 = \underline{\quad}$	$10 - 1 = \underline{\quad}$
$10 - 5 = \underline{\quad}$	$10 - 2 = \underline{\quad}$	$10 - 7 = \underline{\quad}$
$10 - 8 = \underline{\quad}$	$10 - 9 = \underline{\quad}$	$10 - 6 = \underline{\quad}$

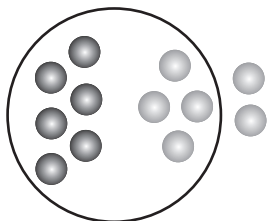
Write four number sentences:

a. 8 2 10 	b. 4 6 10
c. 9 10 1 	d. 10 3 7

2

NUMBER FAMILIES

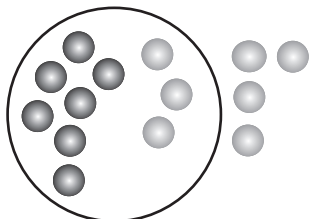
a.



$$6 + 6 = \underline{\quad}$$

$$12 - 6 = \underline{\quad}$$

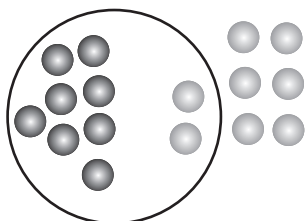
b.



$$7 + 7 = \underline{\quad}$$

$$14 - 7 = \underline{\quad}$$

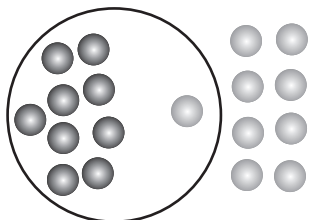
c.



$$\underline{\quad}$$

$$\underline{\quad}$$

d.

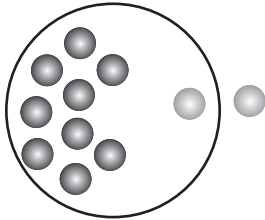


$$\underline{\quad}$$

$$\underline{\quad}$$

Write four number sentences:

a.



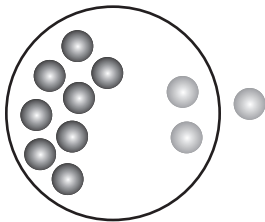
$$9 + 2 = \underline{\quad}$$

$$2 + 9 = \underline{\quad}$$

$$11 - 2 = \underline{\quad}$$

$$11 - 9 = \underline{\quad}$$

b.



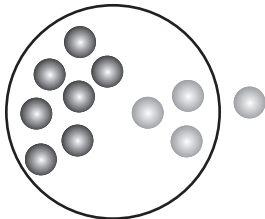
$$8 + 3 = \underline{\quad}$$

$$3 + 8 = \underline{\quad}$$

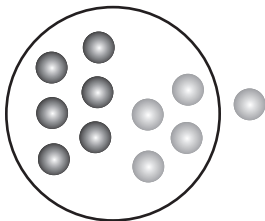
$$11 - 3 = \underline{\quad}$$

$$11 - 8 = \underline{\quad}$$

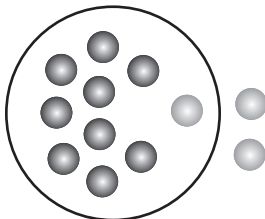
c.



d.

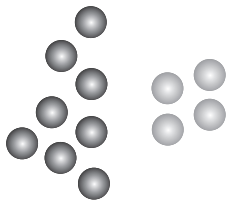


e.

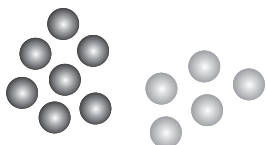


Write four number sentences:

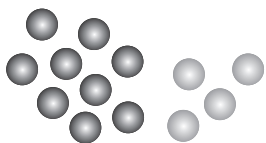
a.



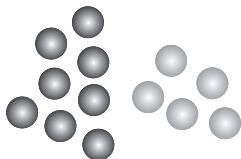
b.



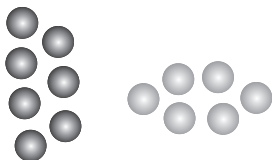
c.



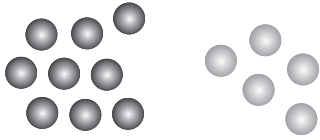
d.



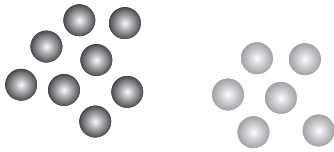
e.



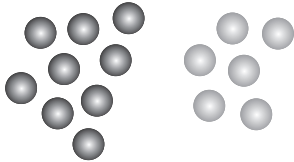
f.



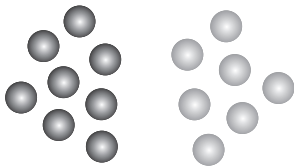
g.



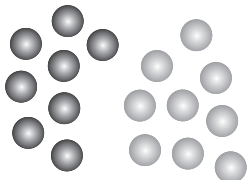
h.



i.

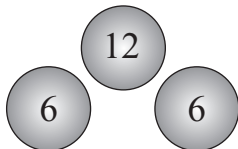


j.

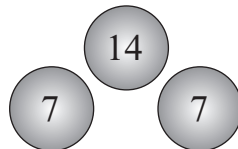


1. Write two number sentences:

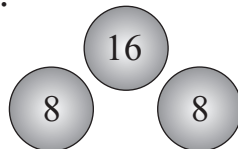
a.



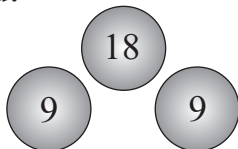
b.



c.

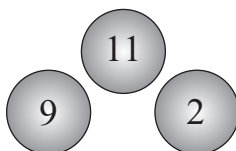


d.

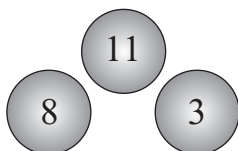


2. Write four number sentences:

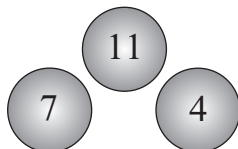
a.



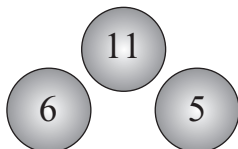
b.



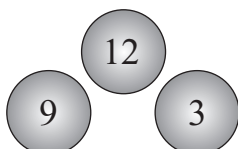
c.



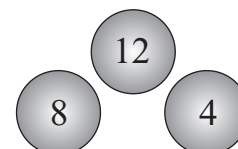
d.



e.

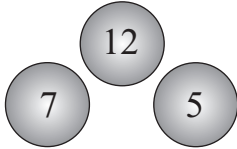


f.

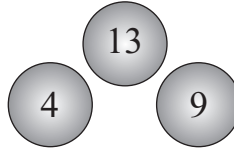


3. Write four number sentences:

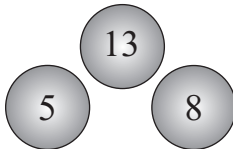
a.



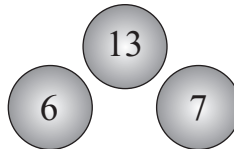
b.



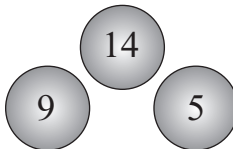
c.



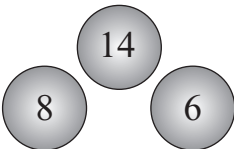
d.



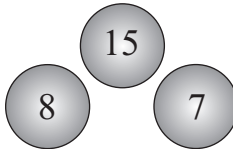
e.



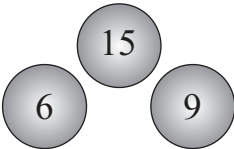
f.



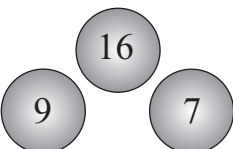
g.



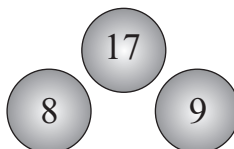
h.



i.



j.



3

FACTS TO REMEMBER

$11 - 6 = \underline{\quad}$	$12 - 5 = \underline{\quad}$	$12 - 9 = \underline{\quad}$
$10 - 6 = \underline{\quad}$	$11 - 7 = \underline{\quad}$	$18 - 9 = \underline{\quad}$
$12 - 3 = \underline{\quad}$	$10 - 8 = \underline{\quad}$	$12 - 4 = \underline{\quad}$
$10 - 9 = \underline{\quad}$	$11 - 5 = \underline{\quad}$	$13 - 7 = \underline{\quad}$
$11 - 2 = \underline{\quad}$	$17 - 9 = \underline{\quad}$	$17 - 8 = \underline{\quad}$
$10 - 1 = \underline{\quad}$	$16 - 8 = \underline{\quad}$	$10 - 4 = \underline{\quad}$
$14 - 8 = \underline{\quad}$	$13 - 9 = \underline{\quad}$	$15 - 9 = \underline{\quad}$
$10 - 5 = \underline{\quad}$	$15 - 7 = \underline{\quad}$	$12 - 6 = \underline{\quad}$
$12 - 8 = \underline{\quad}$	$13 - 6 = \underline{\quad}$	$11 - 4 = \underline{\quad}$
$14 - 5 = \underline{\quad}$	$11 - 9 = \underline{\quad}$	$15 - 8 = \underline{\quad}$
$11 - 8 = \underline{\quad}$	$10 - 3 = \underline{\quad}$	$10 - 2 = \underline{\quad}$
$10 - 7 = \underline{\quad}$	$13 - 8 = \underline{\quad}$	$14 - 7 = \underline{\quad}$
$14 - 6 = \underline{\quad}$	$16 - 9 = \underline{\quad}$	$11 - 3 = \underline{\quad}$
$12 - 7 = \underline{\quad}$	$13 - 5 = \underline{\quad}$	$14 - 9 = \underline{\quad}$
$13 - 4 = \underline{\quad}$	$16 - 7 = \underline{\quad}$	$15 - 6 = \underline{\quad}$

Write the answer:

$13 - 6 = \underline{\quad}$	$14 - 5 = \underline{\quad}$	$12 - 7 = \underline{\quad}$
$10 - 5 = \underline{\quad}$	$11 - 4 = \underline{\quad}$	$13 - 4 = \underline{\quad}$
$12 - 6 = \underline{\quad}$	$15 - 8 = \underline{\quad}$	$13 - 5 = \underline{\quad}$
$14 - 8 = \underline{\quad}$	$14 - 9 = \underline{\quad}$	$15 - 6 = \underline{\quad}$
$16 - 8 = \underline{\quad}$	$15 - 7 = \underline{\quad}$	$13 - 8 = \underline{\quad}$
$11 - 9 = \underline{\quad}$	$11 - 6 = \underline{\quad}$	$10 - 3 = \underline{\quad}$
$13 - 9 = \underline{\quad}$	$12 - 5 = \underline{\quad}$	$12 - 9 = \underline{\quad}$
$15 - 9 = \underline{\quad}$	$18 - 9 = \underline{\quad}$	$12 - 8 = \underline{\quad}$
$10 - 1 = \underline{\quad}$	$10 - 6 = \underline{\quad}$	$10 - 7 = \underline{\quad}$
$11 - 2 = \underline{\quad}$	$12 - 4 = \underline{\quad}$	$10 - 2 = \underline{\quad}$
$11 - 5 = \underline{\quad}$	$12 - 3 = \underline{\quad}$	$16 - 7 = \underline{\quad}$
$10 - 9 = \underline{\quad}$	$11 - 7 = \underline{\quad}$	$11 - 8 = \underline{\quad}$
$10 - 4 = \underline{\quad}$	$10 - 8 = \underline{\quad}$	$14 - 6 = \underline{\quad}$
$17 - 9 = \underline{\quad}$	$17 - 8 = \underline{\quad}$	$14 - 7 = \underline{\quad}$
$13 - 7 = \underline{\quad}$	$16 - 9 = \underline{\quad}$	$11 - 3 = \underline{\quad}$