

Subtraction Fact Four-in-a-Row Games



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-0 Subtraction Facts

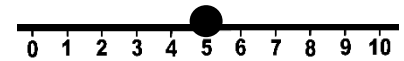
DIRECTIONS: Take turns naming a difference and covering the fact. Whoever gets four in a row first, wins!

10 - 0	8 - 0	5 - 0	1 - 0	4 - 0	6 - 0	8 - 0
7 - 0	6 - 0	4 - 0	6 - 0	3 - 0	7 - 0	5 - 0
7 - 0	9 - 0	4 - 0	3 - 0	5 - 0	7 - 0	6 - 0
8 - 0	2 - 0	1 - 0	2 - 0	7 - 0	3 - 0	5 - 0
5 - 0	6 - 0	8 - 0	3 - 0	1 - 0	8 - 0	2 - 0
7 - 0	4 - 0	6 - 0	8 - 0	7 - 0	7 - 0	4 - 0

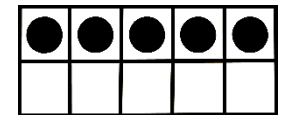


Think!

When you take away zero, you have taken away nothing. You have the same number you started with!



or



$$5 - 0 = 5$$

Minus Itself Subtraction Facts

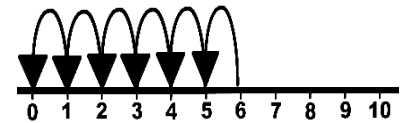
DIRECTIONS: Take turns naming a difference and covering the fact. Whoever gets four in a row first, wins!

10 - 10	8 - 8	7 - 7	8 - 8	6 - 6	5 - 5	3 - 3
6 - 6	9 - 9	5 - 5	3 - 3	2 - 2	7 - 7	9 - 9
8 - 8	7 - 7	4 - 4	1 - 1	6 - 6	6 - 6	8 - 8
5 - 5	2 - 2	6 - 6	5 - 5	3 - 3	4 - 4	7 - 7
7 - 7	9 - 9	7 - 7	3 - 3	2 - 2	1 - 1	6 - 6
1 - 1	4 - 4	5 - 5	9 - 9	4 - 4	5 - 5	8 - 8

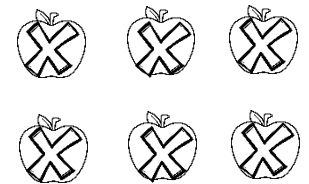


Think!

When you take away the number that you started with, you have nothing left!



or



$$6 - 6 = 0$$

-0 & = 0 Subtraction Facts

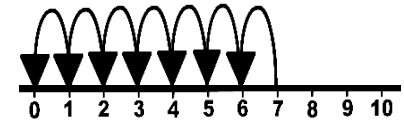
DIRECTIONS: Take turns naming a difference and covering the fact. Whoever gets four in a row first, wins!

9 - 9	7 - 7	5 - 5	3 - 3	4 - 0	6 - 6	9 - 0
2 - 0	8 - 8	2 - 2	1 - 1	7 - 7	1 - 0	8 - 0
4 - 4	6 - 0	6 - 6	5 - 5	8 - 0	7 - 7	3 - 0
2 - 2	8 - 0	7 - 0	4 - 4	3 - 3	6 - 0	8 - 0
9 - 0	6 - 0	2 - 0	5 - 5	9 - 9	4 - 0	5 - 0
5 - 0	4 - 0	1 - 0	3 - 3	1 - 1	3 - 0	8 - 8



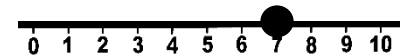
Think!

When you take away the number that you started with, you have nothing left!



$$7 - 7 = 0$$

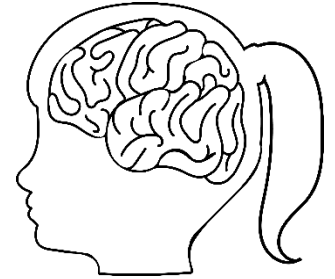
When you take away zero, you have taken away nothing. You have the same number you started with!



$$7 - 0 = 7$$

-1, -2 Subtraction Facts

DIRECTIONS: Take turns naming a difference and covering the fact. Whoever gets four in a row first, wins!



Think!

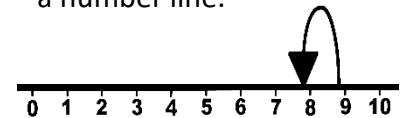
When you take away 1 or 2, you can count backward.

$$6-2 = ?$$

You can count backward two times. 6, 5, 4.

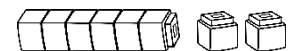
$$6-2 = 4$$

You can also think about taking backward jumps on a number line.



$$9-1=8$$

Still stuck? Use linking cubes to make a stack of the bigger number. Then break off the cubes one by one to get your answer.



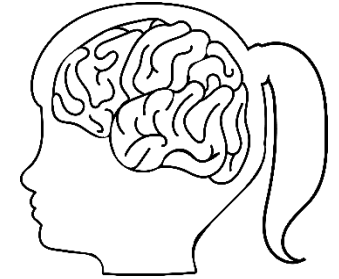
$$8-2=6$$

10 - 2	7 - 2	4 - 2	9 - 1	8 - 1	10 - 1	3 - 2
6 - 1	2 - 2	7 - 1	5 - 2	8 - 2	4 - 1	5 - 1
10 - 1	5 - 2	5 - 1	10 - 1	4 - 1	4 - 2	9 - 1
3 - 2	8 - 2	3 - 1	2 - 2	2 - 1	3 - 1	6 - 2
8 - 1	6 - 2	4 - 1	4 - 1	7 - 1	9 - 2	9 - 1
5 - 1	9 - 2	6 - 1	10 - 1	5 - 1	7 - 2	10 - 2

-3, -4, -5 Subtraction Facts

DIRECTIONS: Take turns naming a difference and covering the fact. Whoever gets four in a row first, wins!

12 - 3	12 - 4	13 - 4	14 - 5	6 - 3	8 - 4	13 - 5
8 - 4	9 - 5	13 - 5	12 - 5	7 - 5	9 - 4	12 - 4
11 - 3	14 - 5	9 - 4	13 - 4	8 - 3	7 - 4	6 - 5
7 - 4	4 - 3	12 - 5	5 - 4	12 - 3	10 - 3	7 - 3
13 - 4	9 - 5	8 - 5	9 - 3	14 - 5	13 - 5	8 - 5
5 - 3	8 - 3	7 - 3	7 - 5	12 - 5	11 - 3	12 - 3



Think!

When you take away 3, 4 or 5, you can count backward.

$$8 - 3 = ?$$

You can count backward three times. **8**, 7, 6, 5.

$$8 - 3 = 5$$

Another strategy is to put the second number in your head and count up to the first number.

$$9 - 5 = ?$$

Put five in your head. Then count up using your fingers.



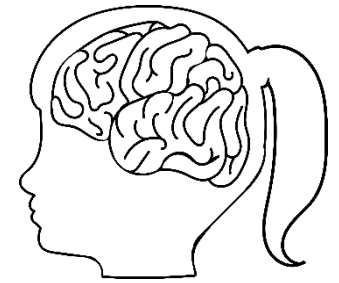
5. 6, 7, 8, 9.

$$9 - 5 = 4$$

Using Doubles Facts

DIRECTIONS: Take turns naming a difference and covering the fact. Whoever gets four in a row first, wins!

18 - 9	14 - 7	12 - 6	16 - 8	12 - 6	10 - 5	14 - 7
6 - 3	8 - 4	10 - 5	14 - 7	6 - 3	6 - 3	16 - 8
2 - 1	4 - 2	10 - 5	14 - 7	18 - 9	14 - 7	8 - 4
16 - 8	16 - 8	8 - 4	4 - 2	12 - 6	2 - 1	4 - 2
10 - 5	12 - 6	4 - 2	10 - 5	6 - 3	8 - 4	12 - 6
6 - 3	18 - 9	12 - 6	16 - 8	16 - 8	10 - 5	18 - 9



Think!

Remember your doubles addition facts. When one number is added to the same number, you have a doubles fact.

If you know...

$$8 + 8 = 16$$

Then this subtraction fact is easy.

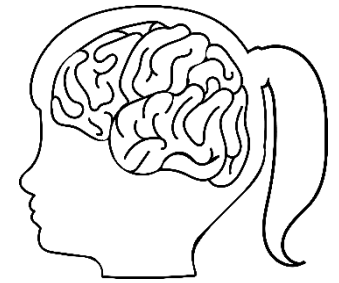
$$16 - 8 = ?$$

The answer is the other 8!

$$16 - 8 = 8$$

Build on Doubles Subtraction Facts

DIRECTIONS: Take turns naming a difference and covering the fact. Whoever gets four in a row first, wins!



Think!

$$13 - 6 = ?$$

You know that $12 - 6 = 6$. 13 is one more than 12. So the answer is one more than 6.

$$12 - 6 = 6$$

$$13 - 6 = 6 + 1$$

$$13 - 6 = 7$$

Let's try another one.

$$12 - 7 = ?$$

You know that $12 - 6 = 6$. Since you're taking away 7, which is one more than 6, you know that the answer has to be one LESS.

$$12 - 6 = 6$$

$$12 - 7 = 6 - 1$$

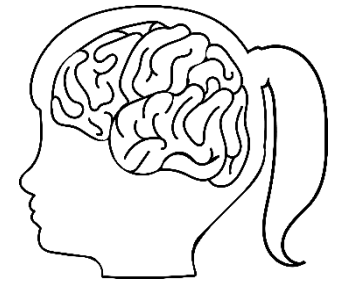
$$12 - 7 = 5$$

17 - 9	16 - 9	15 - 8	12 - 7	8 - 5	16 - 7	9 - 4
14 - 8	13 - 6	16 - 7	10 - 6	9 - 5	14 - 8	16 - 9
16 - 7	16 - 9	9 - 4	17 - 9	14 - 8	15 - 8	9 - 4
10 - 6	13 - 6	9 - 5	16 - 7	13 - 6	16 - 9	12 - 7
16 - 7	16 - 9	14 - 8	12 - 7	17 - 9	12 - 7	15 - 8
17 - 9	13 - 6	8 - 5	9 - 5	13 - 6	14 - 8	17 - 9

Subtracting from 10

DIRECTIONS: Take turns naming a difference and covering the fact. Whoever gets four in a row first, wins!

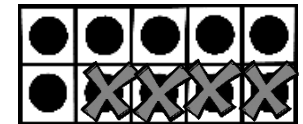
10 - 1	10 - 9	10 - 7	10 - 3	10 - 2	10 - 4	10 - 8
10 - 8	10 - 2	10 - 5	10 - 8	10 - 8	10 - 5	10 - 3
10 - 6	10 - 1	10 - 2	10 - 9	10 - 3	10 - 1	10 - 4
10 - 4	10 - 8	10 - 7	10 - 3	10 - 7	10 - 6	10 - 5
10 - 6	10 - 8	10 - 7	10 - 1	10 - 9	10 - 2	10 - 7
10 - 8	10 - 6	10 - 4	10 - 2	10 - 3	10 - 9	10 - 1



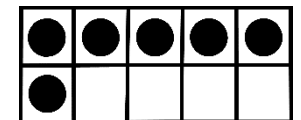
Think!

$$10 - 4 = ?$$

Think about a ten frame.



If you take away four dots, how many will be left?



$$10 - 4 = 6$$

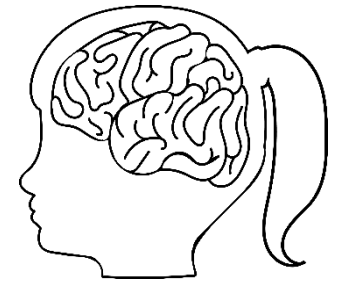
You can also remember an addition fact.

$$10 - 4 = ?$$

You know that $4 + 6 = 10$, so $10 - 4 = 6$.

Use the -10 Facts That You Know

DIRECTIONS: Take turns naming a difference and covering the fact. Whoever gets four in a row first, wins!



Think!

Do you know your -10 facts? Then you can use those to solve some other facts.

$$11 - 6 = ?$$

Which -10 fact is very close?

$$10 - 6 = 4$$

Since 11 is one more than 10, you know that the answer has to be one more than 10-6.

$$10 - 6 = 4$$

$$11 - 6 = 4 + 1$$

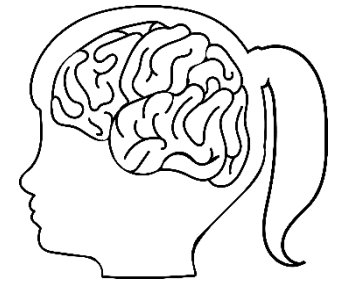
$$11 - 6 = 5$$

11 - 9	11 - 8	9 - 6	11 - 7	9 - 7	11 - 3	9 - 8
9 - 3	9 - 2	11 - 9	9 - 6	9 - 5	11 - 8	11 - 4
9 - 4	11 - 7	11 - 8	11 - 2	11 - 6	9 - 5	9 - 4
11 - 5	11 - 6	9 - 2	11 - 9	9 - 6	11 - 5	9 - 2
9 - 5	9 - 3	11 - 1	11 - 7	9 - 7	11 - 4	9 - 3
9 - 4	9 - 8	9 - 6	11 - 2	11 - 3	11 - 6	11 - 5

Zero Finger Subtraction Strategy

DIRECTIONS: Take turns naming a difference and covering the fact. Whoever gets four in a row first, wins!

11 - 7	14 - 5	12 - 9	11 - 7	17 - 9	11 - 9	11 - 6
12 - 8	17 - 8	14 - 6	16 - 9	12 - 6	15 - 6	14 - 8
11 - 3	12 - 7	15 - 9	13 - 6	12 - 3	16 - 7	18 - 9
11 - 5	13 - 8	15 - 6	13 - 4	12 - 5	14 - 8	13 - 5
15 - 8	14 - 9	13 - 7	15 - 9	15 - 7	11 - 4	11 - 8
13 - 9	16 - 8	14 - 8	14 - 7	16 - 9	12 - 4	14 - 5



Think!

If you know how to subtract from ten, you can use the zero finger strategy for some of the harder facts.

$$14 - 6 = ?$$

Cover the second digit of the first number. Pretend your finger is a zero.

$$10 - 6 = ?$$

$$10 - 6 = 4$$

Now take your finger off the second digit. Add that number to your answer.

$$14 - 6 = ?$$



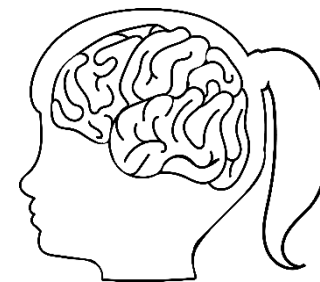
$$4 + 4 = 8, \text{ so}$$

$$14 - 6 = 8$$

Magic 9 Facts

DIRECTIONS: Take turns naming a sum and covering the fact. Whoever gets four in a row first, wins!

18 - 9	16 - 9	15 - 9	14 - 9	18 - 9	16 - 9	13 - 9
17 - 9	12 - 9	13 - 9	11 - 9	12 - 9	15 - 9	11 - 9
15 - 9	11 - 9	17 - 9	14 - 9	18 - 9	13 - 9	15 - 9
14 - 9	18 - 9	13 - 9	13 - 9	17 - 9	12 - 9	16 - 9
17 - 9	15 - 9	13 - 9	12 - 9	15 - 9	16 - 9	14 - 9
16 - 9	17 - 9	14 - 9	11 - 9	17 - 9	14 - 9	18 - 9



Think!

You can use special tricks that only work when you do -9.

Did you know that the number in the answer is one more than the digit in the ones place?

$$13 - 9 = ?$$

Look at the number 13. What number is one more than the digit in the ones place? 3 is in the ones place. 4 is one bigger. So...

$$13 - 9 = 4$$

Here's another great trick! Add the two digits in the first number to get the answer.

$$15 - 9 = ?$$

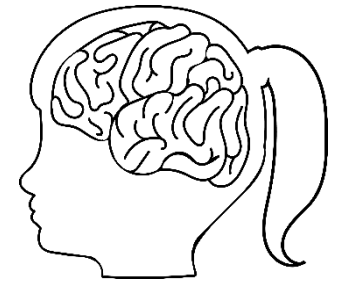
$$1 + 5 = 6$$

$$15 - 9 = 6$$

Subtracting 10

DIRECTIONS: Take turns naming a sum and covering the fact. Whoever gets four in a row first, wins!

19 - 10	17 - 10	16 - 10	18 - 10	15 - 10	14 - 10	18 - 10
13 - 10	14 - 10	12 - 10	11 - 10	18 - 10	13 - 10	15 - 10
11 - 10	17 - 10	11 - 10	17 - 10	19 - 10	16 - 10	14 - 10
12 - 10	14 - 10	15 - 10	13 - 10	12 - 10	18 - 10	15 - 10
18 - 10	16 - 10	12 - 10	17 - 10	13 - 10	19 - 10	16 - 10
15 - 10	19 - 10	13 - 10	16 - 10	14 - 10	17 - 10	19 - 10



Think!

Think about a hundreds chart. If you subtract 10, you go up one number on the chart.

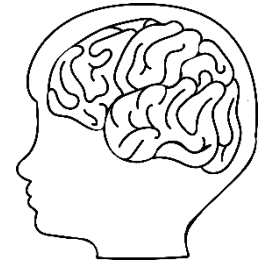
$$15 - 10 = ?$$

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$$15 - 10 = 5$$

Subtract 9 by subtracting 10

DIRECTIONS: Take turns naming a difference and covering the fact. Whoever gets four in a row first, wins!



Think!

Can you take subtract 10? Then subtracting 9 is easy!

$$18 - 9 = ?$$

Think about it. $18 - 10 = 8$. Since 10 is one more than 9, you'll need to add one to that answer.

$$18 - 9 = ?$$

$$18 - 10 = 8$$

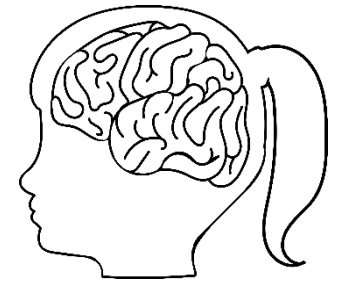
$$8 + 1 = 9$$

$$18 - 9 = 9$$

$18 - 9$	$16 - 9$	$15 - 9$	$13 - 9$	$12 - 9$	$14 - 9$	$18 - 9$
$10 - 9$	$17 - 9$	$14 - 9$	$16 - 9$	$10 - 9$	$12 - 9$	$10 - 9$
$13 - 9$	$12 - 9$	$11 - 9$	$11 - 9$	$15 - 9$	$14 - 9$	$12 - 9$
$16 - 9$	$15 - 9$	$12 - 9$	$18 - 9$	$17 - 9$	$15 - 9$	$16 - 9$
$13 - 9$	$16 - 9$	$17 - 9$	$12 - 9$	$11 - 9$	$14 - 9$	$17 - 9$
$17 - 9$	$14 - 9$	$13 - 9$	$15 - 9$	$18 - 9$	$13 - 9$	$18 - 9$

Subtract to 10, then Subtract Again

DIRECTIONS: Take turns naming a difference and covering the fact. Whoever gets four in a row first, wins!

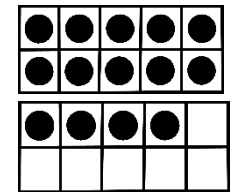


Think!

Are you ready for an advanced strategy?

$$14 - 6 = ?$$

Look at the first number. What do you need to subtract to get to 10?



$$14 - 4 = 10$$

Now, how many do you need to subtract from 10 to get the final answer? 6 is 2 more than 4, so you need to subtract 2 from 10.

$$14 - 6 = ?$$

$$14 - 4 = 10$$

$$6 - 4 = 2$$

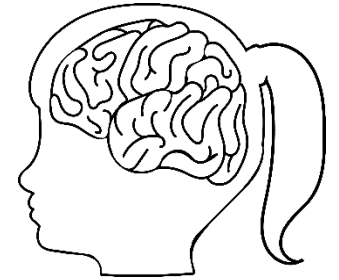
$$10 - 2 = 8$$

$$14 - 6 = 8$$

16 - 8	18 - 9	17 - 9	16 - 9	13 - 8	13 - 9	17 - 8
15 - 9	15 - 6	17 - 8	15 - 8	15 - 7	15 - 6	16 - 7
14 - 9	16 - 9	19 - 8	12 - 9	15 - 9	17 - 9	18 - 9
16 - 9	13 - 8	13 - 9	15 - 9	14 - 8	15 - 6	17 - 8
16 - 7	17 - 9	12 - 4	15 - 7	16 - 8	15 - 8	18 - 9
14 - 9	15 - 7	13 - 7	15 - 8	14 - 9	16 - 7	14 - 8

Use Addition Facts When You Subtract

DIRECTIONS: Take turns naming a difference and covering the fact. Whoever gets four in a row first, wins!



Think!

Knowing your addition facts really helps with subtraction!

$$9 - 6 = ?$$

You know that $6 + 3 = 9$, so...

$$9 - 6 = 3$$

$18 - 9$	$13 - 7$	$12 - 8$	$15 - 6$	$14 - 6$	$15 - 7$	$12 - 9$
$13 - 8$	$14 - 7$	$14 - 7$	$11 - 8$	$13 - 9$	$12 - 7$	$16 - 8$
$12 - 7$	$17 - 9$	$13 - 6$	$10 - 7$	$10 - 8$	$15 - 8$	$11 - 7$
$11 - 7$	$14 - 8$	$15 - 7$	$9 - 7$	$14 - 9$	$9 - 8$	$12 - 6$
$16 - 8$	$10 - 7$	$16 - 9$	$8 - 7$	$15 - 6$	$16 - 7$	$11 - 9$
$10 - 9$	$15 - 8$	$9 - 7$	$15 - 9$	$13 - 7$	$15 - 9$	$14 - 8$

Mixed Practice Subtraction #1

DIRECTIONS: Take turns naming a difference and covering the fact. Whoever gets four in a row first, wins!

$18 - 9$	$12 - 6$	$13 - 5$	$11 - 7$	$14 - 9$	$12 - 5$	$12 - 4$	$7 - 4$	$6 - 4$
$14 - 8$	$13 - 7$	$13 - 8$	$13 - 4$	$10 - 6$	$9 - 8$	$11 - 5$	$11 - 4$	$15 - 6$
$12 - 7$	$15 - 8$	$11 - 6$	$15 - 9$	$10 - 8$	$9 - 6$	$10 - 5$	$9 - 4$	$10 - 4$
$14 - 7$	$7 - 5$	$2 - 1$	$3 - 2$	$10 - 7$	$13 - 9$	$5 - 4$	$8 - 7$	$8 - 6$
$14 - 5$	$10 - 9$	$16 - 9$	$8 - 4$	$11 - 8$	$8 - 5$	$12 - 9$	$16 - 7$	$9 - 5$
$16 - 8$	$7 - 6$	$13 - 6$	$12 - 8$	$4 - 4$	$11 - 9$	$9 - 7$	$14 - 6$	$15 - 7$

Mixed Practice Subtraction #2

DIRECTIONS: Take turns naming a difference and covering the fact. Whoever gets four in a row first, wins!

$10 - 1$

$18 - 9$

$11 - 7$

$17 - 9$

$11 - 5$

$10 - 7$

$16 - 9$

$15 - 9$

$2 - 1$

$13 - 7$

$12 - 7$

$7 - 4$

$11 - 9$

$12 - 9$

$13 - 9$

$12 - 5$

$16 - 8$

$14 - 9$

$14 - 6$

$6 - 4$

$11 - 6$

$10 - 5$

$10 - 9$

$4 - 1$

$8 - 8$

$9 - 9$

$15 - 8$

$7 - 2$

$12 - 4$

$11 - 8$

$9 - 4$

$10 - 10$

$3 - 1$

$9 - 4$

$11 - 4$

$13 - 5$

$14 - 7$

$12 - 6$

$11 - 4$

$10 - 6$

$13 - 4$

$12 - 8$

$16 - 7$

$13 - 8$

$14 - 8$

$15 - 6$

$9 - 2$

$13 - 6$

$9 - 6$

$10 - 4$

$6 - 1$

$12 - 4$

$15 - 7$

$14 - 5$

Mixed Practice Subtraction #3

DIRECTIONS: Take turns naming a difference and covering the fact. Whoever gets four in a row first, wins!

$18 - 9$	$9 - 5$	$14 - 5$	$16 - 8$	$13 - 5$	$8 - 5$	$1 - 1$	$3 - 0$	$2 - 1$
$13 - 6$	$11 - 6$	$3 - 3$	$4 - 4$	$3 - 2$	$5 - 4$	$16 - 7$	$7 - 5$	$2 - 2$
$13 - 8$	$12 - 6$	$9 - 4$	$7 - 4$	$8 - 4$	$10 - 9$	$6 - 4$	$15 - 7$	$6 - 5$
$6 - 6$	$17 - 9$	$12 - 5$	$13 - 9$	$10 - 4$	$3 - 1$	$13 - 4$	$5 - 5$	$13 - 7$
$10 - 6$	$16 - 8$	$11 - 5$	$12 - 8$	$12 - 9$	$17 - 8$	$12 - 4$	$11 - 4$	$10 - 7$
$15 - 8$	$14 - 8$	$16 - 9$	$10 - 5$	$14 - 6$	$11 - 8$	$8 - 7$	$15 - 6$	$9 - 7$