

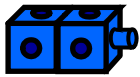
## Fact Families to 10: Skill 1-7B

A fact family is made up of related facts. Each related fact uses the same numbers.

## Example

This example shows how to make a fact family using the numbers 2, 3 and 5.

Make the first addition number sentence in the fact family using the numbers 2, 3 and 5.



2

+

3

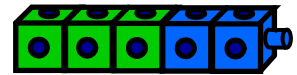
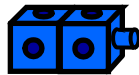
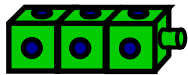
=

5

Now, change the order of the numbers that you are adding to write a related addition fact.

You can add in any order and the sum will be the same.

Write this number sentence in the fact family by changing the order of the numbers that you are adding.



3

+

2

=

5

Now, we have two addition number sentences for the fact family 2, 3 5.

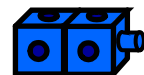
$$2 + 3 = 5 \text{ and } 3 + 2 = 5$$

The number sentences are alike because they use the same numbers; 2, 3 and 5.

The two number sentences above are called *related addition facts* because the same numbers are used to add; only the order is changed.

To complete the fact family for the numbers 2, 3, and 5, we also need two subtraction sentences. The two subtraction sentences will use the same numbers 2, 3, and 5.

Now, we will write a subtraction sentence. Start with the sum of either addition sentence above (both sums are the same). Now, subtract the number 3.



5

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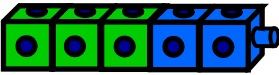
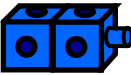
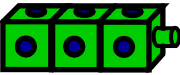
3

=

2

## Fact Families to 10: Skill 1-7B

Here, we write the last subtraction sentence. Start with the sum of either addition sentence again and but this time subtract 2.

				
5	-	2	=	3

Now, we have completed the fact family for 2, 3 and 5.

The fact family for 2, 3, 5 has four number sentences.

There are two addition sentences.

$$2 + 3 = 5 \quad 3 + 2 = 5$$

And two subtraction sentences.

$$5 - 3 = 2 \quad 5 - 2 = 3$$

All four sentences use the same numbers; 2, 3, and 5

All four sentences are called related facts.

### Summary

The first addition number sentence is  $2 + 3 = 5$

(This number sentence uses the numbers in the fact family 2, 3, 5.)

For the next addition sentence, change the order of the numbers that you are adding.

$$3 + 2 = 5$$

Now, write two subtraction sentences. Each beginning with the sum of either addition sentence.

$$5 - 2 = 3 \text{ and } 5 - 3 = 2$$

This is the fact family for the numbers 2, 3 and 5.

$$2 + 3 = 5 \quad 5 - 3 = 2$$

$$3 + 2 = 5 \quad 5 - 2 = 3$$

## Fact Families to 10: Skill 1-7B

## Example

**Directions:** Add or subtract. Then write the numbers that are in the fact family.

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

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

$$\begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$

The numbers in the fact family are: 2      3      5

You can see that the numbers 2, 3, and 5 are used in each number sentence.

**Directions:** Add or subtract. Then write the numbers that are in the fact family.

1.

$$\begin{array}{r} 1 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ - 2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ - 1 \\ \hline \end{array}$$

Write the numbers in the fact family.

\_\_\_\_\_

2.

$$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ - 2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$$

Write the numbers in the fact family.

\_\_\_\_\_

3.

$$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ - 3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$$

Write the numbers in the fact family.

\_\_\_\_\_

4.

$$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ - 2 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$$

Write the numbers in the fact family.

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## Fact Families to 10: Skill 1-7B

**Directions:** Add or subtract. Then write the numbers that are in the fact family.

5.

$$\begin{array}{r} 4 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ - 6 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ - 4 \\ \hline \end{array}$$

Write the numbers in the fact family.

\_\_\_\_\_

6.

$$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ - 7 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ - 3 \\ \hline \end{array}$$

Write the numbers in the fact family.

\_\_\_\_\_

7.

$$\begin{array}{r} 2 \\ + 8 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ - 8 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$$

Write the numbers in the fact family.

\_\_\_\_\_

8.

$$\begin{array}{r} 6 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ - 2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ - 6 \\ \hline \end{array}$$

Write the numbers in the fact family.

\_\_\_\_\_

9.

$$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ - 5 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ - 3 \\ \hline \end{array}$$

Write the numbers in the fact family.

\_\_\_\_\_

10.

$$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ - 7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$$

Write the numbers in the fact family.

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## Fact Families to 10: Skill 1-7B

**Directions:** Add or subtract. Then write the numbers that are in the fact family.

11.

$$\begin{array}{r} 9 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 9 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ - 1 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ - 9 \\ \hline \end{array}$$

Write the numbers in the fact family.

\_\_\_\_\_

12.

$$\begin{array}{r} 6 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ - 3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ - 6 \\ \hline \end{array}$$

Write the numbers in the fact family.

\_\_\_\_\_

13.

$$\begin{array}{r} 4 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ - 1 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$$

Write the numbers in the fact family.

\_\_\_\_\_

14.

$$\begin{array}{r} 8 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ - 1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ - 8 \\ \hline \end{array}$$

Write the numbers in the fact family.

\_\_\_\_\_

15.

$$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ - 5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$$

Write the numbers in the fact family.

\_\_\_\_\_

16.

$$\begin{array}{r} 5 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ - 1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ - 5 \\ \hline \end{array}$$

Write the numbers in the fact family.

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# Answer Key 1- 7B

1.

$$\begin{array}{r} 1 \\ +2 \\ \hline 3 \end{array} \quad \begin{array}{r} 2 \\ +1 \\ \hline 3 \end{array} \quad \begin{array}{r} 3 \\ -2 \\ \hline 1 \end{array} \quad \begin{array}{r} 3 \\ -1 \\ \hline 2 \end{array}$$

Write the numbers in the fact family.

1, 2, 3

2.

$$\begin{array}{r} 4 \\ +2 \\ \hline 6 \end{array} \quad \begin{array}{r} 2 \\ +4 \\ \hline 6 \end{array} \quad \begin{array}{r} 6 \\ -2 \\ \hline 4 \end{array} \quad \begin{array}{r} 6 \\ -4 \\ \hline 2 \end{array}$$

Write the numbers in the fact family.

2, 4, 6

3.

$$\begin{array}{r} 4 \\ +3 \\ \hline 7 \end{array} \quad \begin{array}{r} 3 \\ +4 \\ \hline 7 \end{array} \quad \begin{array}{r} 7 \\ -3 \\ \hline 4 \end{array} \quad \begin{array}{r} 7 \\ -4 \\ \hline 3 \end{array}$$

Write the numbers in the fact family.

3, 4, 7

4.

$$\begin{array}{r} 5 \\ +2 \\ \hline 7 \end{array} \quad \begin{array}{r} 2 \\ +5 \\ \hline 7 \end{array} \quad \begin{array}{r} 7 \\ -2 \\ \hline 5 \end{array} \quad \begin{array}{r} 7 \\ -5 \\ \hline 2 \end{array}$$

Write the numbers in the fact family.

2, 5, 7

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5.

$$\begin{array}{r} 4 \\ +6 \\ \hline 10 \end{array} \quad \begin{array}{r} 6 \\ +4 \\ \hline 10 \end{array} \quad \begin{array}{r} 10 \\ -6 \\ \hline 4 \end{array} \quad \begin{array}{r} 10 \\ -4 \\ \hline 6 \end{array}$$

Write the numbers in the fact family.

4, 6, 10

6.

$$\begin{array}{r} 3 \\ +7 \\ \hline 10 \end{array} \quad \begin{array}{r} 7 \\ +3 \\ \hline 10 \end{array} \quad \begin{array}{r} 10 \\ -7 \\ \hline 3 \end{array} \quad \begin{array}{r} 10 \\ -3 \\ \hline 7 \end{array}$$

Write the numbers in the fact family.

3, 7, 10

7.

$$\begin{array}{r} 2 \\ +8 \\ \hline 10 \end{array} \quad \begin{array}{r} 8 \\ +2 \\ \hline 10 \end{array} \quad \begin{array}{r} 10 \\ -8 \\ \hline 2 \end{array} \quad \begin{array}{r} 10 \\ -2 \\ \hline 8 \end{array}$$

Write the numbers in the fact family.

2, 8, 10

8.

$$\begin{array}{r} 6 \\ +2 \\ \hline 8 \end{array} \quad \begin{array}{r} 2 \\ +6 \\ \hline 8 \end{array} \quad \begin{array}{r} 8 \\ -2 \\ \hline 6 \end{array} \quad \begin{array}{r} 8 \\ -6 \\ \hline 2 \end{array}$$

Write the numbers in the fact family.

2, 6, 8

9.

$$\begin{array}{r} 3 \\ +5 \\ \hline 8 \end{array} \quad \begin{array}{r} 5 \\ +3 \\ \hline 8 \end{array} \quad \begin{array}{r} 8 \\ -5 \\ \hline 3 \end{array} \quad \begin{array}{r} 8 \\ -3 \\ \hline 5 \end{array}$$

Write the numbers in the fact family.

3, 5, 8

10.

$$\begin{array}{r} 2 \\ +7 \\ \hline 9 \end{array} \quad \begin{array}{r} 7 \\ +2 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ -7 \\ \hline 2 \end{array} \quad \begin{array}{r} 9 \\ -2 \\ \hline 7 \end{array}$$

Write the numbers in the fact family.

2, 7, 9

## Answer Key 1- 7B

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11.

$$\begin{array}{r} 9 \\ +1 \\ \hline 10 \end{array} \quad \begin{array}{r} 1 \\ +9 \\ \hline 10 \end{array} \quad \begin{array}{r} 10 \\ -1 \\ \hline 9 \end{array} \quad \begin{array}{r} 10 \\ -9 \\ \hline 1 \end{array}$$

Write the numbers in the fact family.

1, 9, 10

13.

$$\begin{array}{r} 4 \\ +1 \\ \hline 5 \end{array} \quad \begin{array}{r} 1 \\ +4 \\ \hline 5 \end{array} \quad \begin{array}{r} 5 \\ -1 \\ \hline 4 \end{array} \quad \begin{array}{r} 5 \\ -4 \\ \hline 1 \end{array}$$

Write the numbers in the fact family.

1, 4, 5

15.

$$\begin{array}{r} 4 \\ +5 \\ \hline 9 \end{array} \quad \begin{array}{r} 5 \\ +4 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ -5 \\ \hline 4 \end{array} \quad \begin{array}{r} 9 \\ -4 \\ \hline 5 \end{array}$$

Write the numbers in the fact family.

4, 5, 9

12.

$$\begin{array}{r} 6 \\ +3 \\ \hline 9 \end{array} \quad \begin{array}{r} 3 \\ +6 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ -3 \\ \hline 6 \end{array} \quad \begin{array}{r} 9 \\ -6 \\ \hline 3 \end{array}$$

Write the numbers in the fact family.

3, 6, 9

14.

$$\begin{array}{r} 8 \\ +1 \\ \hline 9 \end{array} \quad \begin{array}{r} 1 \\ +8 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ -1 \\ \hline 8 \end{array} \quad \begin{array}{r} 9 \\ -8 \\ \hline 1 \end{array}$$

Write the numbers in the fact family.

1, 8, 9

16.

$$\begin{array}{r} 5 \\ +1 \\ \hline 6 \end{array} \quad \begin{array}{r} 1 \\ +5 \\ \hline 6 \end{array} \quad \begin{array}{r} 6 \\ -1 \\ \hline 5 \end{array} \quad \begin{array}{r} 6 \\ -5 \\ \hline 1 \end{array}$$

Write the numbers in the fact family.

1, 5, 6