

Fact Families to 12

Skill 1-13B

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 5, 6, and 11

Make the first addition number sentence in the fact family using the numbers 5, 6 and 11.



$$5 + 6 = 11$$

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.



$$6 + 5 = 11$$


Now, we have two addition number sentences for the fact family 5, 6, 11.

Next, write a subtraction sentence. Start with the sum of either addition sentence above (both sums are the same). Now, subtract the number 6.



$$11 - 6 = 5$$

Here, we write the last subtraction sentence. Start with the sum of either addition sentence again and but this time subtract 5.



$$11 - 5 = 6$$

This is the completed fact family for 5, 6 and 11.

$$5 + 6 = 11 \quad 11 - 6 = 5$$

$$6 + 5 = 11 \quad 11 - 5 = 6$$

Fact Families to 12
Skill 1-13B

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

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

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

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

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

The numbers in the fact family are:

3

4

7

1.

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

Write the numbers in the fact family.

2.

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

Write the numbers in the fact family.

3.

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

Write the numbers in the fact family.

4.

$$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ - 7 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ - 4 \\ \hline \end{array}$$

Write the numbers in the fact family.

Fact Families to 12
Skill 1-13B**Directions:** Add or subtract. Then write the numbers that are in the fact family.

5.

$$\begin{array}{r} 3 \\ + 8 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ - 8 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ - 3 \\ \hline \end{array}$$

Write the numbers in the fact family.

6.

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

Write the numbers in the fact family.

7.

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

Write the numbers in the fact family.

8.

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

Write the numbers in the fact family.

9.

$$\begin{array}{r} 5 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ - 6 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ - 5 \\ \hline \end{array}$$

Write the numbers in the fact family.

10.

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

Write the numbers in the fact family.

Fact Families to 12
Skill 1-13B**Directions:** Add or subtract. Then write the numbers that are in the fact family.

11.

$$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ - 7 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ - 5 \\ \hline \end{array}$$

Write the numbers in the fact family.

12.

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

Write the numbers in the fact family.

13.

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

Write the numbers in the fact family.

14.

$$\begin{array}{r} 5 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ - 6 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ - 5 \\ \hline \end{array}$$

Write the numbers in the fact family.

15.

$$\begin{array}{r} 3 \\ + 9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ - 9 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ - 3 \\ \hline \end{array}$$

Write the numbers in the fact family.

16.

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

Write the numbers in the fact family.

Answer Key
Skill 1-13B

1.	$\begin{array}{r} 2 \\ +4 \\ \hline 6 \end{array}$	$\begin{array}{r} 4 \\ +2 \\ \hline 6 \end{array}$	$\begin{array}{r} 6 \\ -4 \\ \hline 2 \end{array}$	$\begin{array}{r} 6 \\ -2 \\ \hline 4 \end{array}$
	Write the numbers in the fact family.			
	2, 4, 6			
3.	$\begin{array}{r} 3 \\ +7 \\ \hline 10 \end{array}$	$\begin{array}{r} 7 \\ +3 \\ \hline 10 \end{array}$	$\begin{array}{r} 10 \\ -7 \\ \hline 3 \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline 7 \end{array}$
	3, 7, 10			
5.	$\begin{array}{r} 3 \\ +8 \\ \hline 11 \end{array}$	$\begin{array}{r} 8 \\ +3 \\ \hline 11 \end{array}$	$\begin{array}{r} 11 \\ -8 \\ \hline 3 \end{array}$	$\begin{array}{r} 11 \\ -3 \\ \hline 8 \end{array}$
	3, 8, 11			
7.	$\begin{array}{r} 2 \\ +6 \\ \hline 8 \end{array}$	$\begin{array}{r} 6 \\ +2 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ -6 \\ \hline 2 \end{array}$	$\begin{array}{r} 8 \\ -2 \\ \hline 6 \end{array}$
	2, 6, 8			
9.	$\begin{array}{r} 5 \\ +6 \\ \hline 11 \end{array}$	$\begin{array}{r} 6 \\ +5 \\ \hline 11 \end{array}$	$\begin{array}{r} 11 \\ -6 \\ \hline 5 \end{array}$	$\begin{array}{r} 11 \\ -5 \\ \hline 6 \end{array}$
	5, 6, 11			
11.	$\begin{array}{r} 5 \\ +7 \\ \hline 12 \end{array}$	$\begin{array}{r} 7 \\ +5 \\ \hline 12 \end{array}$	$\begin{array}{r} 12 \\ -7 \\ \hline 5 \end{array}$	$\begin{array}{r} 12 \\ -5 \\ \hline 7 \end{array}$
	5, 7, 12			
13.	$\begin{array}{r} 4 \\ +5 \\ \hline 9 \end{array}$	$\begin{array}{r} 5 \\ +4 \\ \hline 9 \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline 4 \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline 5 \end{array}$
	4, 5, 9			
15.	$\begin{array}{r} 3 \\ +9 \\ \hline 12 \end{array}$	$\begin{array}{r} 9 \\ +3 \\ \hline 12 \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline 3 \end{array}$	$\begin{array}{r} 12 \\ -3 \\ \hline 9 \end{array}$
	3, 9, 12			

2.	$\begin{array}{r} 3 \\ +5 \\ \hline 8 \end{array}$	$\begin{array}{r} 5 \\ +3 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline 3 \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline 5 \end{array}$
	Write the numbers in the fact family.			
	3, 5, 8			
4.	$\begin{array}{r} 4 \\ +7 \\ \hline 11 \end{array}$	$\begin{array}{r} 7 \\ +4 \\ \hline 11 \end{array}$	$\begin{array}{r} 11 \\ -7 \\ \hline 4 \end{array}$	$\begin{array}{r} 11 \\ -4 \\ \hline 7 \end{array}$
	4, 7, 11			
6.	$\begin{array}{r} 3 \\ +6 \\ \hline 9 \end{array}$	$\begin{array}{r} 6 \\ +3 \\ \hline 9 \end{array}$	$\begin{array}{r} 9 \\ -6 \\ \hline 3 \end{array}$	$\begin{array}{r} 9 \\ -3 \\ \hline 6 \end{array}$
	3, 6, 9			
8.	$\begin{array}{r} 2 \\ +7 \\ \hline 9 \end{array}$	$\begin{array}{r} 7 \\ +2 \\ \hline 9 \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline 2 \end{array}$	$\begin{array}{r} 9 \\ -2 \\ \hline 7 \end{array}$
	2, 7, 9			
10.	$\begin{array}{r} 6 \\ +4 \\ \hline 10 \end{array}$	$\begin{array}{r} 4 \\ +6 \\ \hline 10 \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline 6 \end{array}$	$\begin{array}{r} 10 \\ -6 \\ \hline 4 \end{array}$
	4, 6, 10			
12.	$\begin{array}{r} 2 \\ +8 \\ \hline 10 \end{array}$	$\begin{array}{r} 8 \\ +2 \\ \hline 10 \end{array}$	$\begin{array}{r} 10 \\ -8 \\ \hline 2 \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline 8 \end{array}$
	2, 8, 10			
14.	$\begin{array}{r} 5 \\ +6 \\ \hline 11 \end{array}$	$\begin{array}{r} 6 \\ +5 \\ \hline 11 \end{array}$	$\begin{array}{r} 11 \\ -6 \\ \hline 5 \end{array}$	$\begin{array}{r} 11 \\ -5 \\ \hline 6 \end{array}$
	5, 6, 11			
16.	$\begin{array}{r} 5 \\ +3 \\ \hline 8 \end{array}$	$\begin{array}{r} 3 \\ +5 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline 5 \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline 3 \end{array}$
	5, 3, 8			