

Fact Families and Stair-Step Numbers

NCTM Standards 1, 2, 6, 7, 8, 9, 10

I. What is missing?

Draw dots to make the missing picture.

What is the fact family?

2.

$$\begin{array}{r} 3 + 1 = \\ \hline 1 + 3 = \\ \hline 4 - 1 = \\ \hline 4 - 3 = \\ \hline \end{array}$$

3.





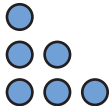
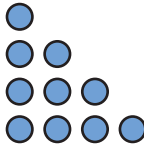
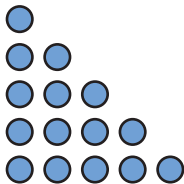
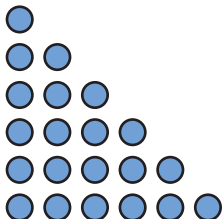
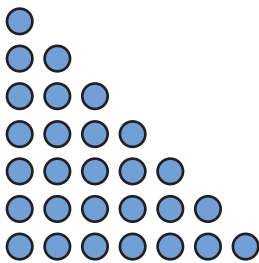
$$\begin{array}{r} + = \\ \hline + = \\ \hline - = \\ \hline - = \\ \hline \end{array}$$

4.

$$\begin{array}{r} + = \\ \hline + = \\ \hline - = \\ \hline - = \\ \hline \end{array}$$


NOTE: Your child is learning to write fact families using Stair-Step Numbers. Ask your child to explain one of the fact families on this page.

5. What is next?

	
	
	<input data-bbox="506 419 604 517" type="text"/>
	<input data-bbox="506 601 604 698" type="text"/>
	<input data-bbox="506 816 604 914" type="text"/>
	<input data-bbox="506 1077 604 1174" type="text"/>
	<input data-bbox="506 1372 604 1469" type="text"/>

 6. Explain how you found the numbers in Problem 5.

What is the fact family?

7. $6 + \underline{\quad} = 10$

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

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

$10 - 6 = \underline{\quad}$

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

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

$15 - 5 = \underline{\quad}$

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

Challenge

9. Look at Problem 5.
What are the next 3 Stair-Step Numbers? Use counters or draw a picture to help you.

<input data-bbox="878 1898 998 2011" type="text"/>	<input data-bbox="1041 1898 1161 2011" type="text"/>	<input data-bbox="1204 1898 1324 2011" type="text"/>
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