Algebra Skill Sheet



$1. \ \mbox{Find}$ the rule and continue geometric and numerical patterns.



2. Identify the missing symbol $(+, -, x, \div, <, >)$ that makes a number sentence true.



Identify the missing number that makes a number sentence true.



3. Find the missing elements in a function table and determine the rule.

Find the rule and complete the table.

In	Out
4	2
6	3
	4
12	
16	8
18	9

The rule is to divide by 2.

 $4 \div 2 = 2$ $6 \div 2 = 3$ $? \div 2 = 4$ $12 \div 2 = ?$ $16 \div 2 = 8$ $18 \div 2 = 9$

4. Write a number sentence, equation, or expression based on a word problem.

There are 12 golf balls in a bucket. There are x white golf balls and 5 orange golf balls.

Equation **x** + 5 = 12 **x** = 7 white golf balls



**These are the basic understandings that your child should be learning in Algebra. However, they will need to apply these skills to more challenging problems, as well as in word problems.