



Check-Up for Algebra

Put in a symbol to make the statement true.

= ≠

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

0 My child understands the symbols and uses the symbols correctly.

Put in a symbol to make the statement true.

< >

7 0 4 5+5 0 2+3 1+3 0 1+4 3+4 0 2+2

0 My child understands the symbols and uses the symbols correctly.

Comparing Functions

Beth and Brad have the same birthday, July 4th, but Beth is 2 years older than Brad. Complete the table for Beth's and Brad's ages.

<u>Beth's Age</u>	<u>Brad's Age</u>	<u>The Difference Between Their Ages</u>
5		
	9	
16		
	25	

30		
	56	
93		

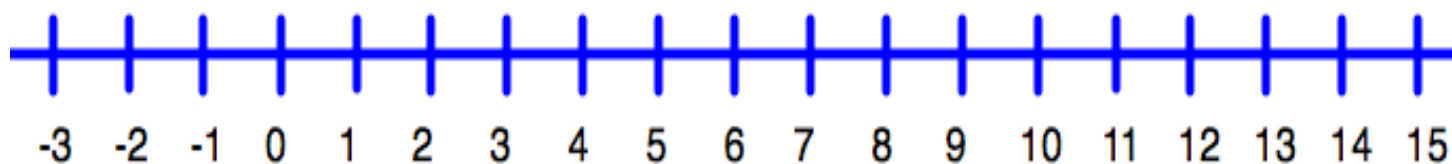
What is the rule?

Beth's age - ___ = Brad's Age or $y - _ = \text{Brad's age}$
 Brad's age + ___ = Beth's Age or $y + _ = \text{Beth's age}$

0 My child understands comparing functions and can fill in the chart and rules.

Number Line Locations

Put the person on the number line by figuring out how much money they have or owe.

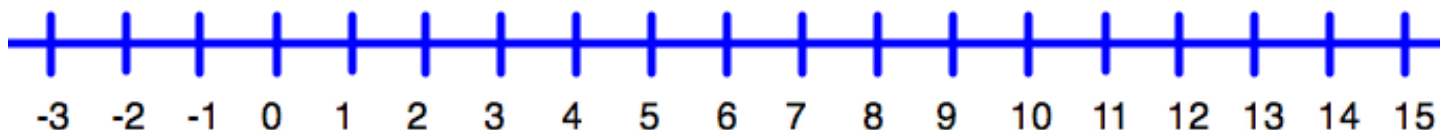


<u>Person</u>	<u>Dollars</u>
Sue	10 dollars
Sam	4 dollars
Skip	5 dollars and he earns 3 more dollars

Jim	Owes 2 dollars
Joe	7 dollars but he spends 7 dollars
Pam	Owes 1 dollar

0 My child understands number line location using positive and negative numbers. They put each person on the number line correctly.

Draw and write the number sentence.



Sam had \$2.00. He earned \$8.00 and then spent \$5.00.

Write the number sentence _____

Draw this on the number line.

0 My child can explain, draw, and write the number sentence correctly.

Tables and Variables

On Sunday Pam had some money (m) in her piggy bank. On Wednesday her mom gave her 5 dollars for babysitting. On Thursday her dad gave her 2 dollars for cleaning. On Friday Pam spent 4 dollars.

Starting Amount of Money	Number Sentence $m+5+2-4=$ ___ $(m+7)-4=$ ___	Final Money Total	The Difference of Starting and Final Money
\$4.00			
\$7.00			
\$5.00			
\$10.00			
\$3.50			

0 My child understands variables and can fill in the table correctly.

Figure Out the Rule

In	<u>Out</u> Rule 1	<u>Out</u> Rule 2	<u>Out</u> Rule 3
3	11	1	9
10	18	8	30
4		2	
9			27
2	10		

What is the first rule?

What is the second rule?

What is the third rule?

0 My child can figure out the rule(s) correctly on their own.

Growing Patterns Over Time

Beth has \$7.00 saved. She then starts delivering papers and earns \$3.00 per day. Every day she puts the \$3.00 in her piggy bank.

How much money does Beth have after 4 days? _____

After 7 days? _____

Explain how you figured out the amount at the end of 7 days?

What is the number sentence?

0 My child understands growing patterns and can answer the questions correctly.