

Exploring Missing Addends

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

Fill in the missing pictures and numbers.

Use the numbers in the puzzles to decide how many to draw.



1.

○○○○○	○

→

3	1	4
2	0	

2.

→

1		
3	1	
	5	

3.

→

2	1	
	3	4

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NOTE: Your child is using reasoning skills to complete Cross Number Puzzles. The numbers in the puzzle match the number of circles in the 2-by-2 grid. Ask your child to explain how to solve each puzzle.



What are the missing numbers?

4.

1	2	3
0		2
1		

$$\boxed{1} + 2 = 3$$

$$0 + \boxed{} = 2$$

1	2
+ 0	+ <input type="text"/>
-----	-----
1	<input type="text"/>

5.

3		7
	1	
4		

$$3 + \boxed{} = 7$$

$$\boxed{} + 1 = \boxed{}$$

3	<input type="text"/>
+ <input type="text"/>	+ 1
-----	-----
4	<input type="text"/>

Problem Solving

6. Trey has 9 pieces of fruit. How many of each kind does he have?

red grapes _____ green grapes _____

red apples _____ green apples _____

	red	green
grapes	<input type="text"/>	<input type="text"/>
apples	<input type="text"/>	1
	3	<input type="text"/>
		9