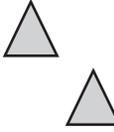


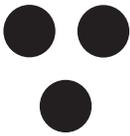
# Introducing the Cross Number Puzzle

What numbers are missing?

1.

	LARGE	small		LARGE	small
Gray			→		
Black				Gray	
			Black		3

2.

					
LARGE			→	LARGE	
small				small	

# Using Cross Number Puzzles to Add

Write a number sentence for each row.

1.

	○	△
LARGE	●●●	▲▲
small	●	▲▲

$\underline{\quad 3 \quad} + \underline{\quad 2 \quad} = \underline{\quad \quad}$   
 $\underline{\quad \quad} + \underline{\quad \quad} = \underline{\quad \quad}$

2.

	△	□
small	▲	■ ■ ■
LARGE	▲▲▲▲	■ ■ ■

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

3.

	○	△
Black	●●●●	▲▲▲▲
Gray	●●●	▲▲

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

# Exploring Missing Addends

What numbers are missing?

1.

4	1	5
0		1
4		

$$\boxed{4} + 1 = 5$$

$$0 + \boxed{\phantom{0}} = 1$$

4	+	1	=	5
0	+		=	1
.....				
4	+		=	
4	+		=	

2.

2		4
	4	4
2	6	

$$2 + \boxed{\phantom{0}} = 4$$

$$\boxed{\phantom{0}} + 4 = 4$$

2	+		=	4
2	+		=	6
.....				
2	+		=	
2	+		=	

3.

	1	3
3		4

$$\boxed{\phantom{0}} + 1 = 3$$

$$3 + \boxed{\phantom{0}} = 4$$

3	+		=	4
3	+		=	
.....				
3	+		=	
3	+		=	

# Practice with Cross Number Puzzles

What numbers are missing?

1.

0	1	
4		7

2.

2	0	
2		
	4	

3.

0		3
	1	
1		

4.

	3	5
2		
	4	

5.

	3	
		1
2		6

6.

		2
4		
	4	9

# Sums of 10

Complete each puzzle. Use the puzzle to complete the number sentence.

1.

1	2	3
4	3	
5		

$$\underline{5} + \underline{\quad} = \underline{3} + \underline{\quad}$$

2.

5	1	
	3	10

$$\underline{\quad} + 3 = \underline{\quad} + \underline{\quad}$$

3.

0		
	1	
8		10

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

# Addition Stories

Solve each problem. Show your work with pictures, numbers, or words.

1. Mia drew 4 circles and 2 squares.  
How many shapes did she draw?

\_\_\_\_\_ shapes

- 
2. 5 children were at a party.  
Then 3 more joined them.  
How many children are at the party now?

\_\_\_\_\_ children

- 
3. All fish in a tank are blue or gold.  
7 fish are blue. 3 fish are gold.  
How many fish are in the tank?

\_\_\_\_\_ fish

# Subtraction Stories

Solve each problem. Show your work with pictures, numbers, or words.

1. There are 6 ducks in a pond. 3 swim away.  
How many ducks are left?

\_\_\_\_\_ ducks

- 
2. Rita has 4 sweaters.  
2 have zippers.  
The rest have buttons.  
How many sweaters have buttons?

\_\_\_\_\_ sweaters

- 
3. Lou takes out 9 books from the library.  
Kim takes out 4 books.  
How many more books did Lou take out than Kim?

\_\_\_\_\_ more books