

# Mighty Math

for 6-7 year olds  
Advancing Mathematician



LET'S LEARN

# MATHEMATICS

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**Part** 3, Lets Learn Simple Arithmetic



# Addition.

Draw 8 more. How many in total?



$$\dots\dots\dots + 8 = \dots\dots\dots$$

Draw 2 more. How many in total?



$$\dots\dots\dots + 2 = \dots\dots\dots$$

Draw 6 more. How many in total?



$$\dots\dots\dots + 6 = \dots\dots\dots$$

Draw 10 more. How many in total?



$$\dots\dots\dots + 10 = \dots\dots\dots$$

Draw 4 more. How many in total?



$$\dots\dots\dots + 4 = \dots\dots\dots$$

Draw 15 more. How many in total?



$$\dots\dots\dots + 15 = \dots\dots\dots$$

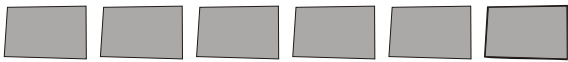
Draw 3 more. How many in total?



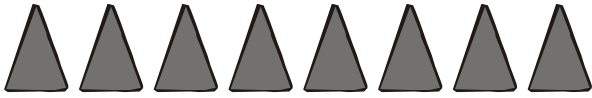
$$\dots\dots\dots + 3 = \dots\dots\dots$$

# Addition.

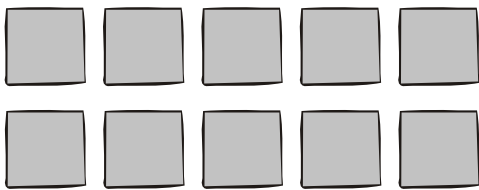
Draw more shapes to make 12.



$$6 + \dots = 12$$



$$8 + \dots = 12$$

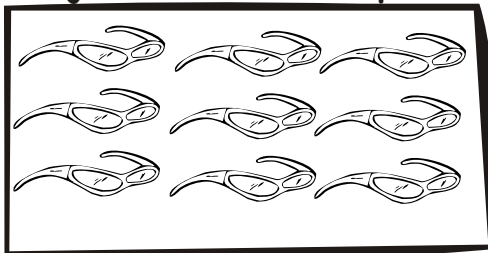


$$10 + \dots = 12$$

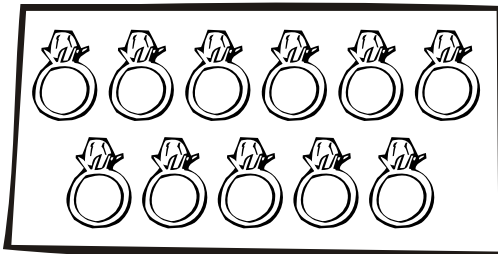
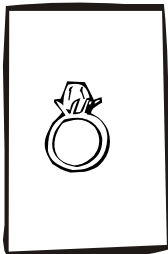


$$5 + \dots = 12$$

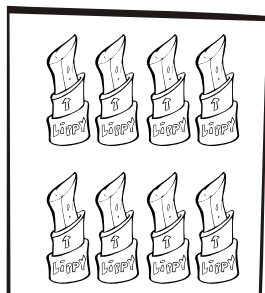
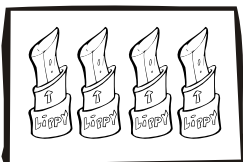
Count the objects and complete the sums.



$$\dots + \dots = \dots$$

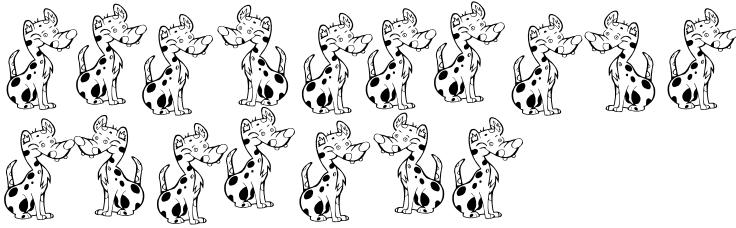


$$\dots + \dots = \dots$$



$$\dots + \dots = \dots$$

# Subtraction.



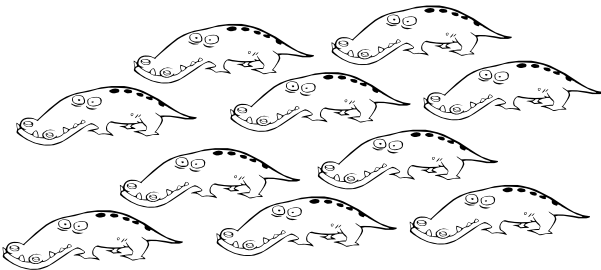
Cross out 4.  
How many left? .....

.....  $-4 =$  .....



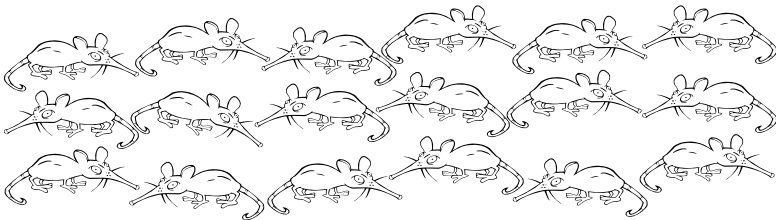
Cross out 2.  
How many left? .....

.....  $-2 =$  .....



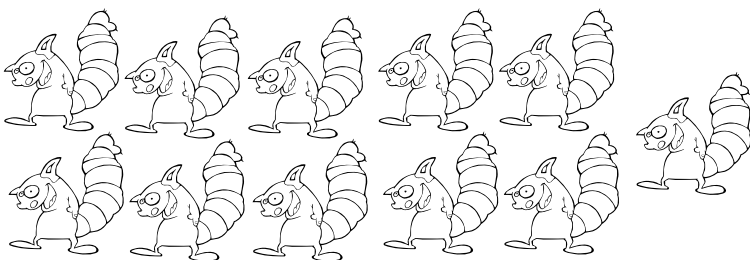
Cross out 9.  
How many left? .....

.....  $-9 =$  .....



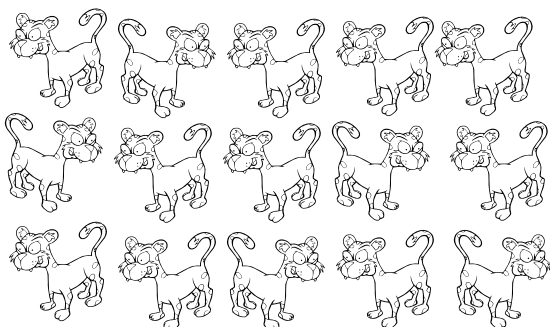
Cross out 12.  
How many left? .....

.....  $-12 =$  .....



Cross out 8.  
How many left? .....

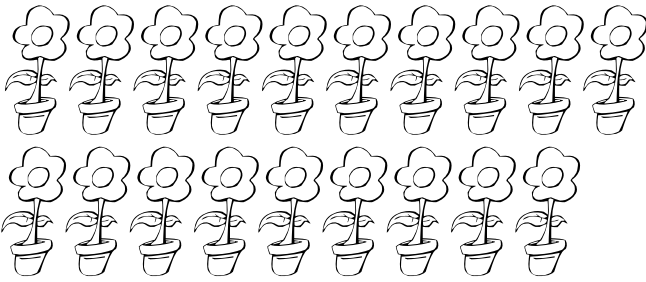
.....  $-8 =$  .....



Cross out 1.  
How many left? .....

.....  $-1 =$  .....

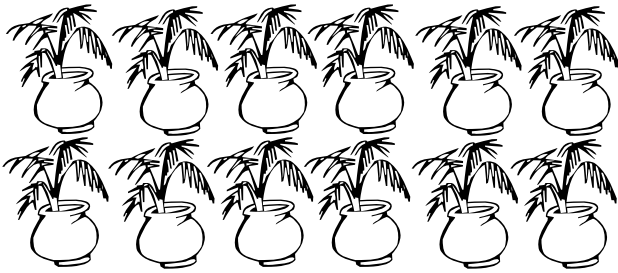
# Subtraction.



Cross out 6.

How many left? .....

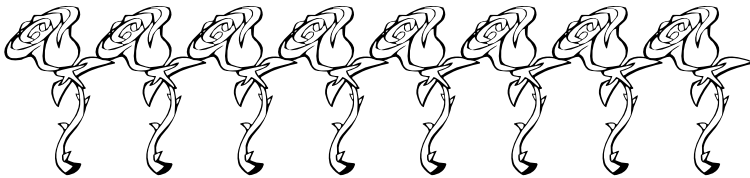
$$\dots\dots\dots - 6 = \dots\dots\dots$$



Cross out 3.

How many left? .....

$$\dots\dots\dots - 3 = \dots\dots\dots$$



Cross out 2.

How many left? .....

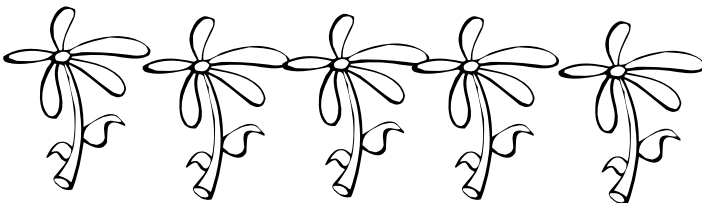
$$\dots\dots\dots - 2 = \dots\dots\dots$$



Cross out 7.

How many left? .....

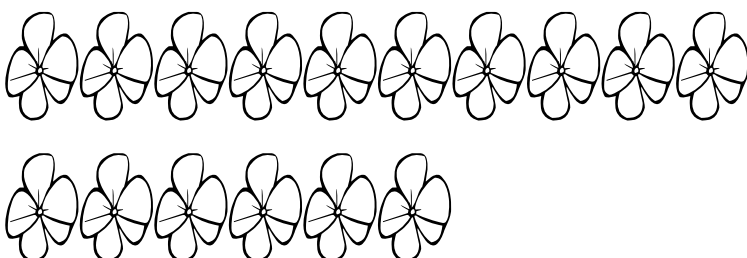
$$\dots\dots\dots - 7 = \dots\dots\dots$$



Cross out 5.

How many left? .....

$$\dots\dots\dots - 5 = \dots\dots\dots$$

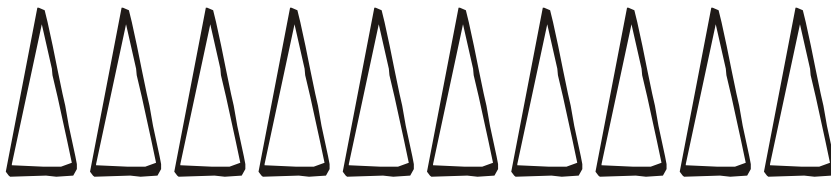


Cross out 4.

How many left? .....

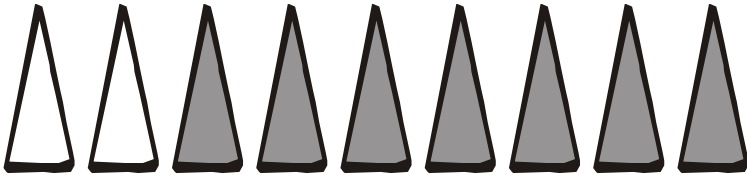
$$\dots\dots\dots - 4 = \dots\dots\dots$$

# Arithmetic.



$12 + 7 = \dots\dots\dots$

$7 + 12 = \dots\dots\dots$



$19 - 12 = \dots\dots\dots$

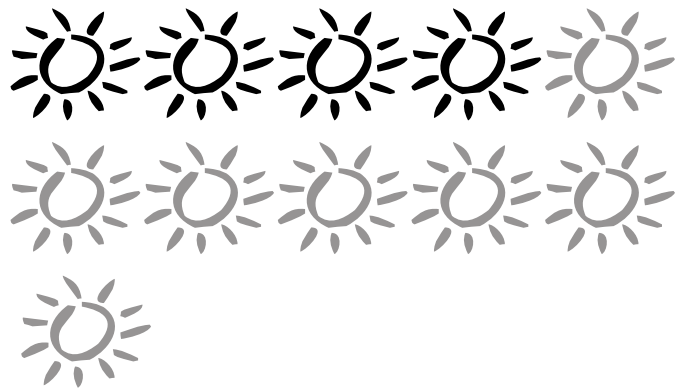
$19 - 7 = \dots\dots\dots$

$4 + 7 = \dots\dots\dots$

$7 + 4 = \dots\dots\dots$

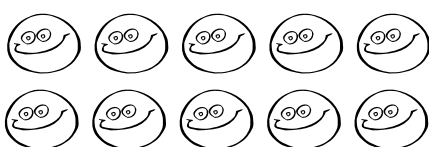
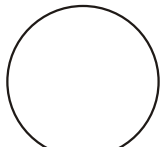
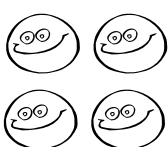
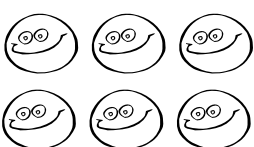
$11 - 7 = \dots\dots\dots$


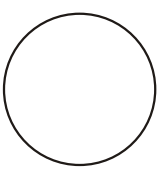
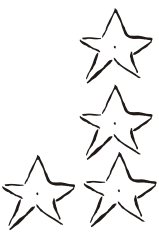

$11 - 4 = \dots\dots\dots$



Use a  $+$  or  $-$  sign

Write the sum below each of the pictures..




 $=$ 

  
 $=$ 
 .....




 $=$ 

  
 $=$ 
 .....

# Arithmetic.



$10 + 8 = \dots\dots\dots$



$8 + 10 = \dots\dots\dots$



$18 - 10 = \dots\dots\dots$

$18 - 8 = \dots\dots\dots$

$8 + 3 = \dots\dots\dots$



$3 + 8 = \dots\dots\dots$



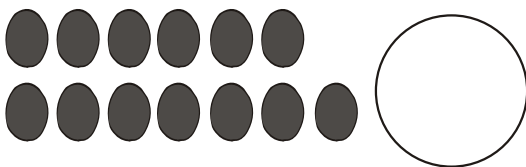
$11 - 8 = \dots\dots\dots$



$11 - 3 = \dots\dots\dots$

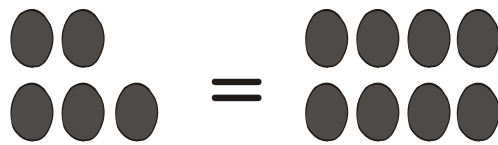
Use a  $+$  or  $-$  sign

Write the sum below each of the pictures..



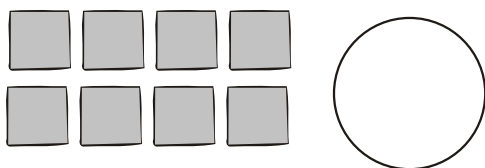
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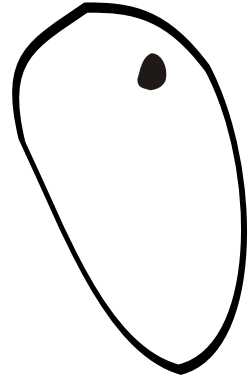
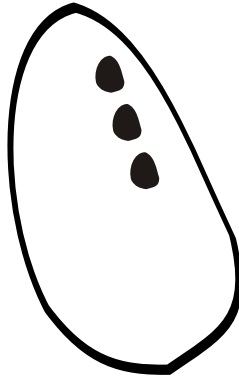
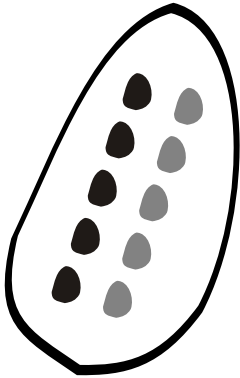
.....

.....

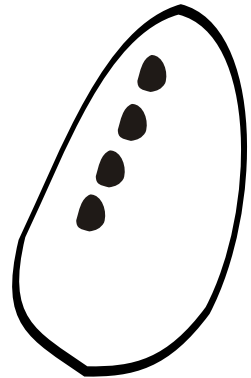
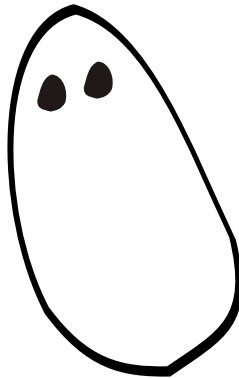
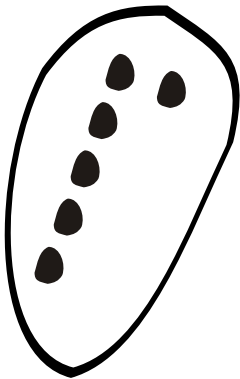


# Addition Combinations.

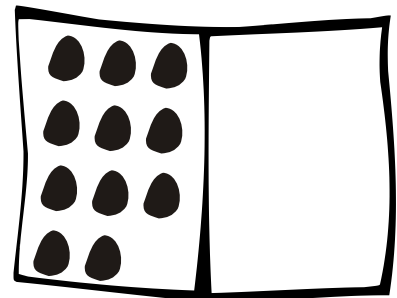
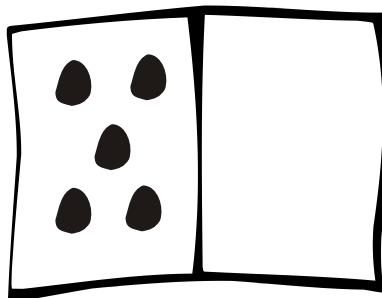
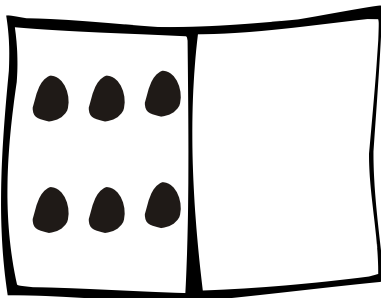
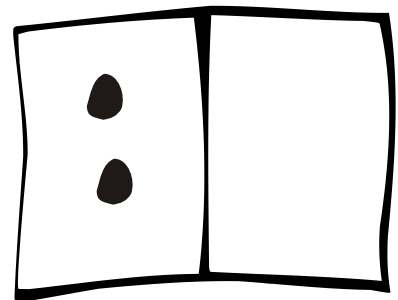
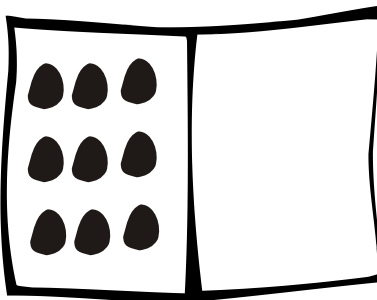
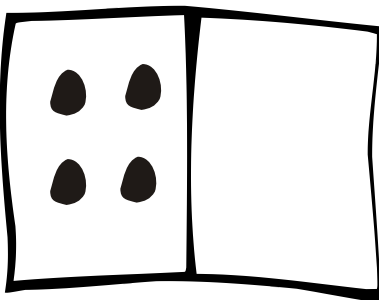
Draw more to make 10, then write the addition statement.



$5+5=10$

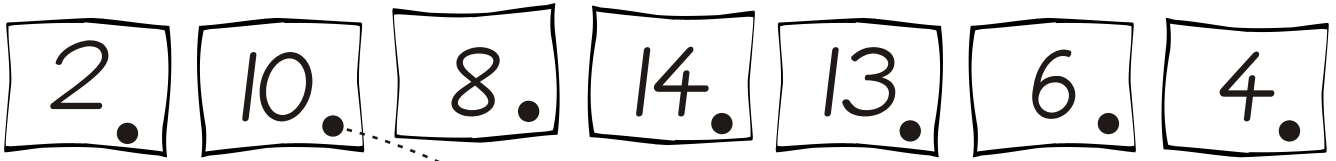


Draw more to make 12.



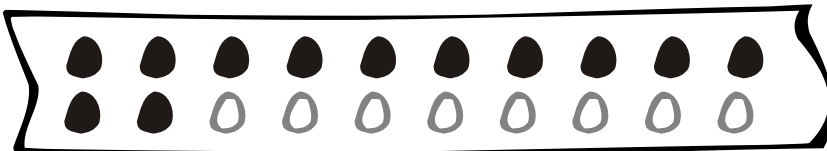
# Addition Combinations.

Draw a line between all the combinations that make 15.



Draw more to make 20.

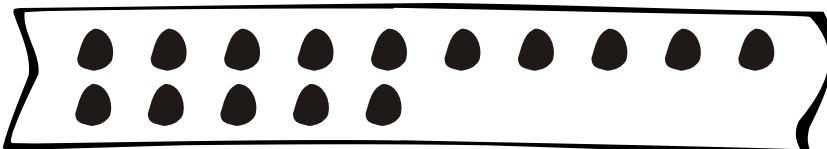
Write the addition statement for each.



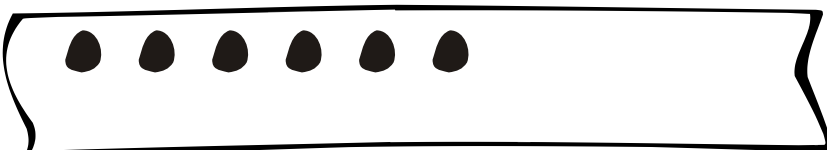
.....  $12 + 8 = 20$  .....



.....



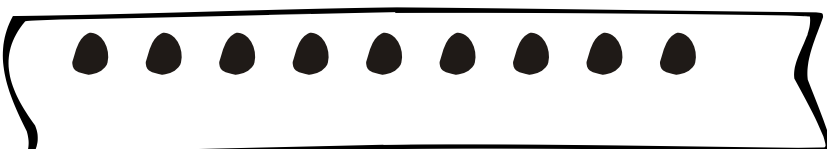
.....



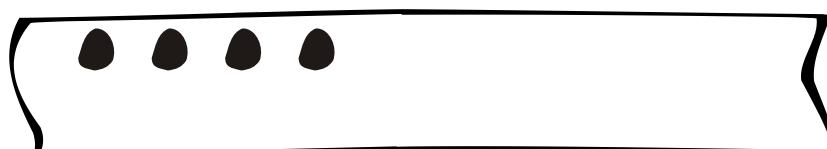
.....



.....





.....

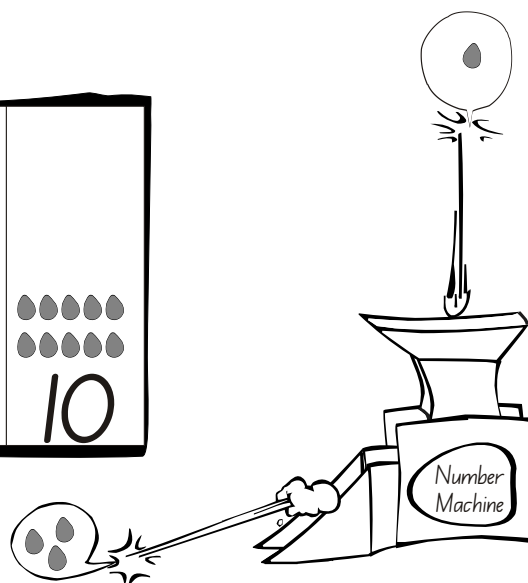


.....



# Adding and Subtracting.

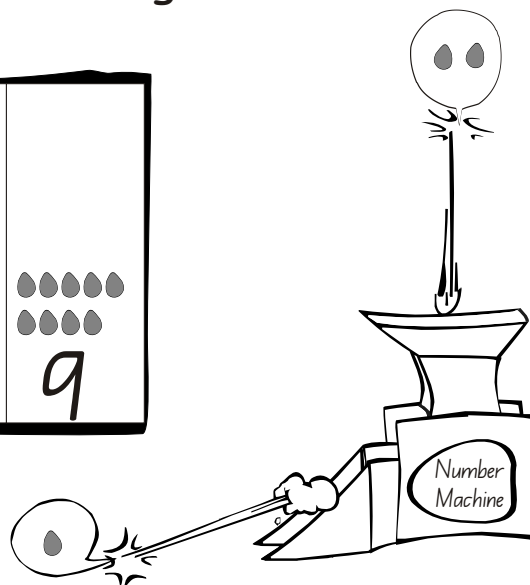
Complete the table and work out what the number machines are doing.

	2 ●●	3 ●●●	5 ●●●●●		
	●●●● 4			●●●●● 9	●●●●● 10

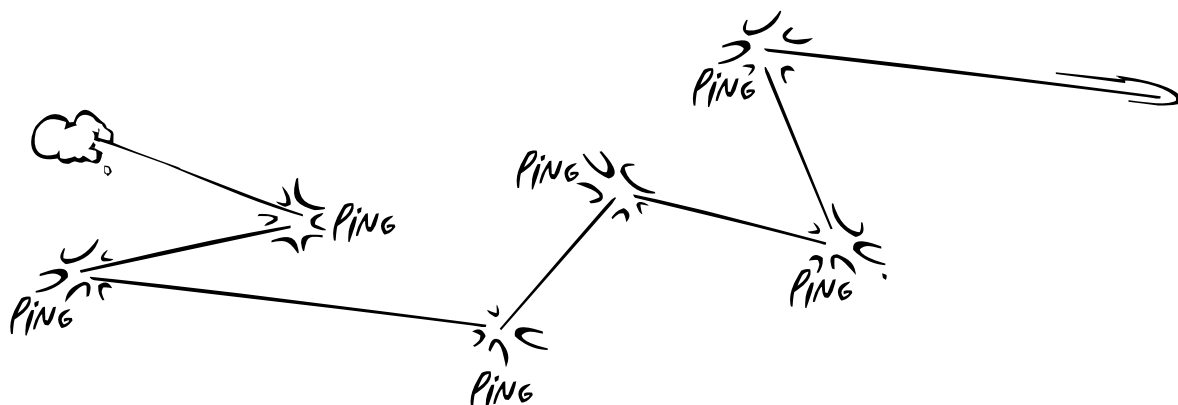


What is the Number Machine above doing? .....

	3 ●●●	4 ●●●●	6 ●●●●●●		
	●● 2		●●●●●● 7	●●●●●● 9	



What is the Number Machine above doing? .....



How many times does the missile ping off the wall? .....

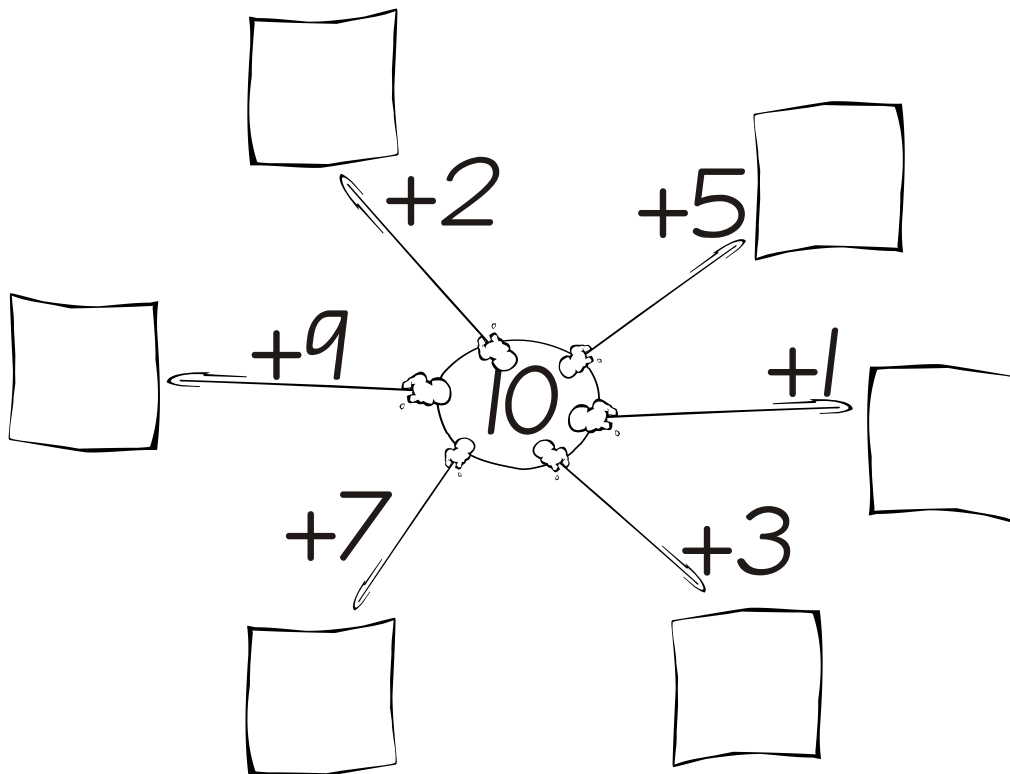
# Write the Right Number.

Apples are shared between 2 children.

Complete the table to show how many apples each would get.

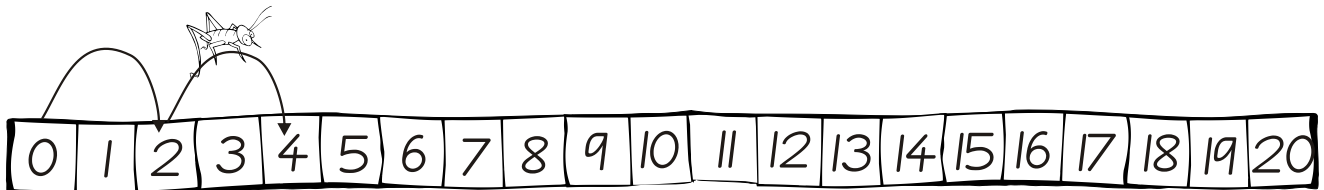


Apples	2	3	4	5	6	7	8	9	10	11	12
per child	1	1	2								
left over	0	1									



The cricket starts at 0 and jumps two spaces.

Write below all the numbers the cricket would land on.



.....

.....

# Write the Right Number.

Below are 6 jugs. Each jug holds 10 litres of water. The number on the side of the jug represents the amount of water left in the jug. How much water has been used from each jug?



$$5 + \dots = 10$$

$$8 + \dots = 10$$

$$6 + \dots = 10$$

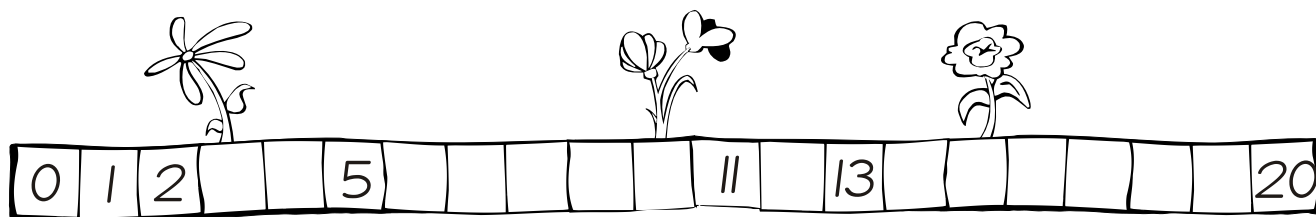


$$3 + \dots = 10$$

$$1 + \dots = 10$$

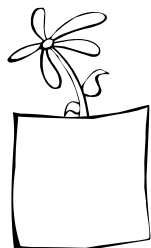
$$0 + \dots = 10$$

Complete the number line.

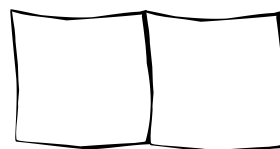
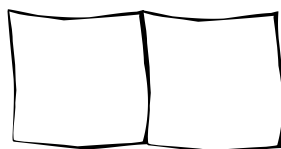
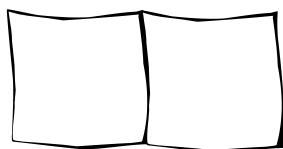


Write the number that the flowers are growing on then write the nearest even numbers.

number



nearest



even

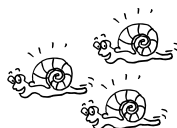
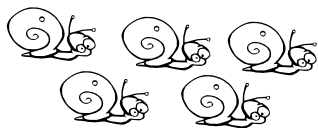
numbers

# Addition with Three Numbers.

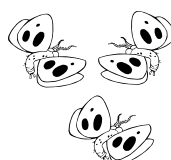
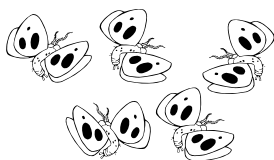
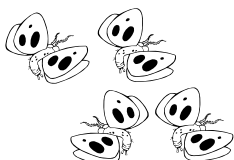
Write an addition statement for each of the following.



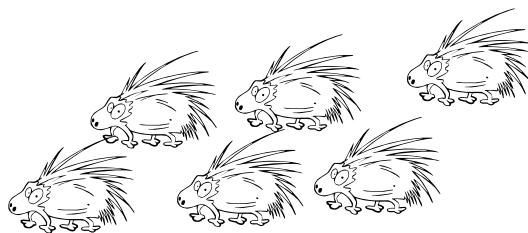
$$\dots\dots 3 + \dots\dots 4 + \dots\dots 2 = \dots\dots 9 \dots\dots$$



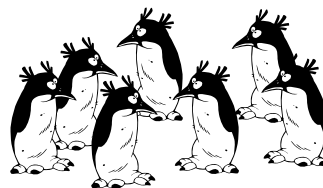
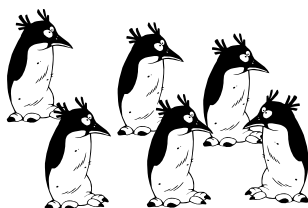
$$\dots\dots + \dots\dots + \dots\dots = \dots\dots\dots$$



$$\dots\dots + \dots\dots + \dots\dots = \dots\dots\dots$$



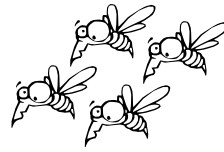
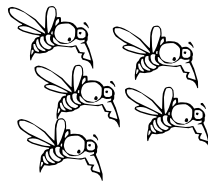
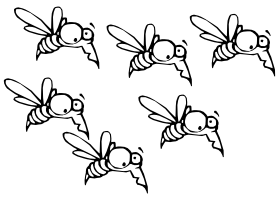
$$\dots\dots + \dots\dots + \dots\dots = \dots\dots\dots$$



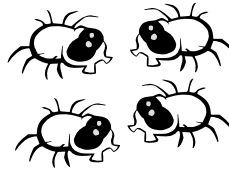
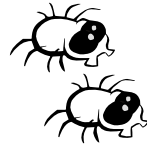
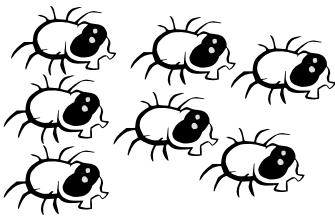
$$\dots\dots + \dots\dots + \dots\dots = \dots\dots\dots$$

# Addition with Three Numbers.

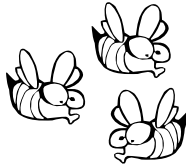
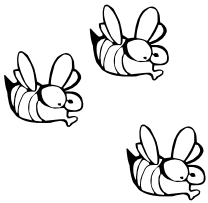
Write an addition statement for each of the following.



$$\dots\dots\dots + \dots\dots\dots + \dots\dots\dots = \dots\dots\dots$$

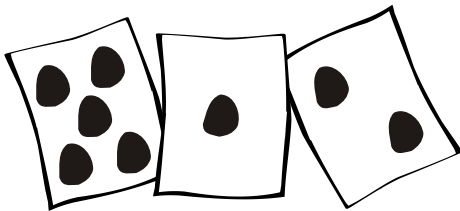


$$\dots\dots\dots + \dots\dots\dots + \dots\dots\dots = \dots\dots\dots$$

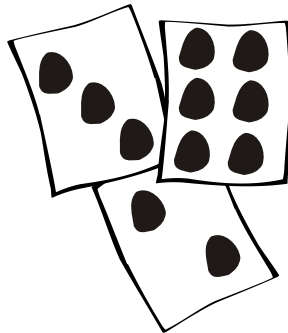


$$\dots\dots\dots + \dots\dots\dots + \dots\dots\dots = \dots\dots\dots$$

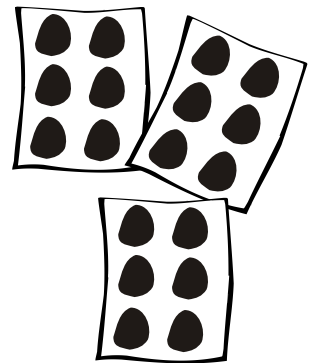
Write down the totals of each set of cards.



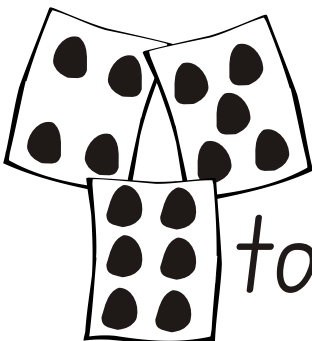
$$\text{total} = 8$$



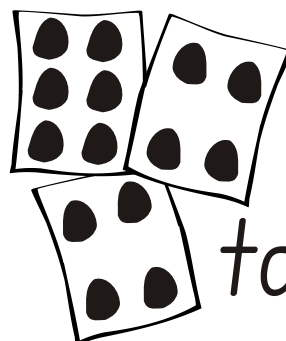
$$\text{total} = \square$$



$$\text{total} = \square$$



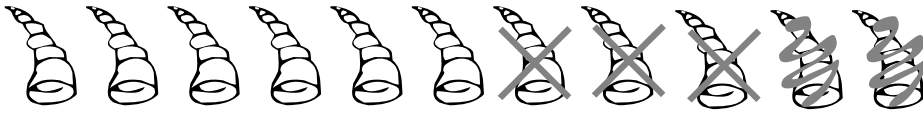
$$\text{total} = \square$$



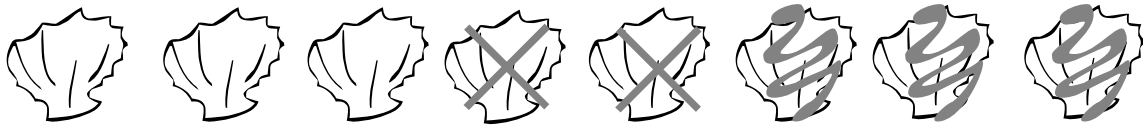
$$\text{total} = \square$$

# Subtracting Two Numbers.

Write a subtraction statement for each of the following.



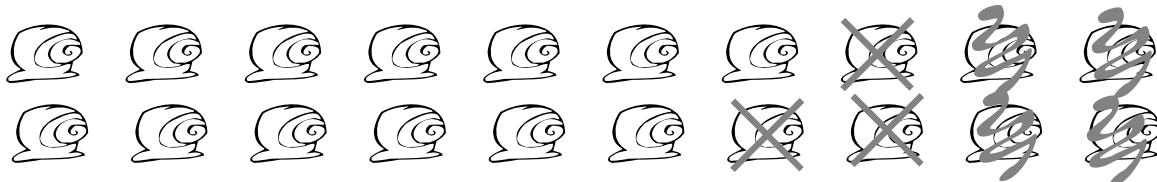
$$\dots\dots 11 \dots\dots - \dots\dots 3 \dots\dots - \dots\dots 2 \dots\dots = \dots\dots 6 \dots\dots$$



$$\dots\dots - \dots\dots - \dots\dots = \dots\dots\dots$$



$$\dots\dots - \dots\dots - \dots\dots = \dots\dots\dots$$



$$\dots\dots - \dots\dots - \dots\dots = \dots\dots\dots$$



$$\dots\dots - \dots\dots - \dots\dots = \dots\dots\dots$$



# Subtracting Two Numbers.

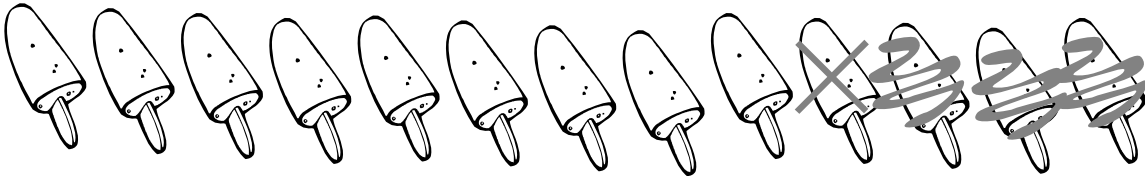
Write a subtraction statement for each of the following.



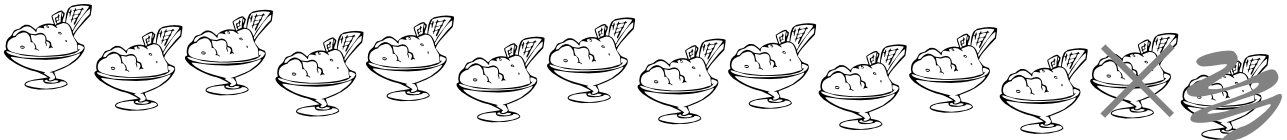
..... — ..... — ..... = .....



..... — ..... — ..... = .....



..... — ..... — ..... = .....



..... — ..... — ..... = .....



..... — ..... — ..... = .....



..... — ..... — ..... = .....





# Mighty Maths

## DEVELOPING MATHEMATICIAN for 5 - 7 year olds

### Book 1: Lets Look at Numbers

Book 1, emphasises numbers by comparing smaller and bigger numbers and providing practice for the writing of number words. By the end of this book, children will be able to recognise and write number words and recognise their values.

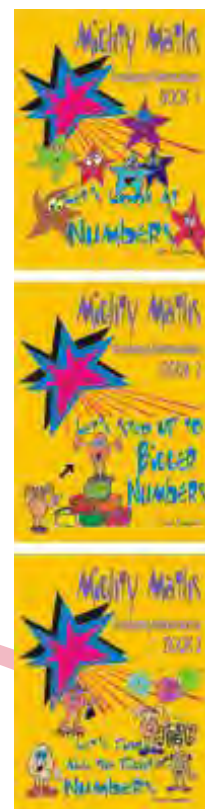
### Book 2: Lets Step Up to Bigger Number

Book 2, introduces numbers up to 100 and looks at both 2D and 3D shapes. By the end of this book students will be able to calculate, write and order larger numbers and recognise how they are made up.

### Book 3: Lets Find All The Right Numbers

Book 3, focuses on the 1 to 5 times tables as well as continuing with the general arithmetic operations of addition and subtraction up to 100. After completing this book, students will have increased confidence in dealing with numbers.

The **MIGHTY MATHS** series is a structured, easy-to-follow series of fun activities designed to stimulate, challenge and to give your child the best possible start in learning mathematics. Use these books to get a head start or to consolidate work being taught at school.



Beginner Mathematician (for 4 - 6 year olds), look for the **RED** books.

Developing Mathematician for (5 - 7 year olds), look for the **YELLOW** books.

Advancing Mathematician for (6 - 8 year olds), look for the **BLUE** books.

Maturing Mathematician for (7 - 9 year olds), look for the **GREEN** books.

Master Mathematician for (8 - 10 year olds), look for the **ORANGE** books.

Mighty Maths for 9 - 12 year olds, look for the **MULTICOLOURED** books.



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