

MATHEMATICS

More about numbers

even/odd

- **Even** numbers end in 0, 2, 4, 6 and 8.
- **Odd** numbers end in 1, 3, 5, 7 and 9.



Even or odd?:

	Quantity	Even or Odd?
Days of the week		
Your age		
Tails of an elephant		
Seasons in a year		
Hours in a day		
A decade		
Quantity of persons in your household		
Number of vertices of a triangle		
Total of children registered in this class		

Play with a partner:

One, two, three: even or odd?

(Keep your fist behind you while saying *one, two, three*, then stick quickly a number of fingers in front of you -both players at the same time- and one of the players says: *even* or *odd*: if the total of fingers is odd and the player said odd, he or she wins, if it is even, the other player wins.)

- How many times did you play?
- How many times did you win?
- Did you achieve an even score or an odd score?
- Was it possible for you both to tie the score? Why?

MATHEMATICS

our numbers

Numeracy vocabulary

- **Multiple** of a number is a number multiplied by other whole numbers: 3, 6, 15.
- **Divisible**: capable of being divided. A number containing another number a number of times without a remainder.
- **Prime number**: is the number divisible only by itself and by 1.
- **Composite number** is a number that can be divided by more than 1 and itself.
- **Factors**: the factors of a number are the numbers by which another is exactly divisible: 1, 2, 3, 4, 6 and 12 are factors of 12.
- **Average** the result obtained by adding several amounts together and then dividing the total by the number of amounts.
- **Variable**: able to assume different numerical values.



Answer these questions:

1. Is 15 a multiple of 3?
2. Is 8 a multiple of 3?
 - a. Because it can be divided only by one and by itself.
3. Is 25 divisible by 5?
 - b. Yes, because it is a division with no remainder.
4. Is 25 divisible by 6?
 - c. Yes, we can..
5. Why 7 is considered a prime number?
 - d. No, it isn't.
6. Can you consider that a number which is the product of two or more factors greater than unity is a Composite number?
 - e. Yes, it's true.
 - f. Yes, it is a multiple of three.
 - g. No, it is not divisible by 6.
7. Is it true that a composite number is not a prime number?

Answers:

1	2	3	4	5	6	7

1. Could you say the factors of these numbers?

36

75

40

2. Add 35 minutes to each of these times:

8:40am→

12:35am→

11:45pm→

6:15pm→

7:25am→

10:30pm→

3. Find the average of each of these sets (round if necessary):

a. 7, 7, 9→

b. 8, 9, 13, 10→

c. 10, 15, 20, 35→

d. 33, 45, 52→

e. €56, €66, €71, €89→

f. 3, 7, 9, 11, 14→

4. What is the 10% of each of these amounts?

€120→

€17.5→

€45→

€69.99→

5. What is the value of the variable in each of these equations?

a. $7a=21$ →

b. $y=9x9$ →

c. $5b=(12-7)x6$ →

6. Write these times as 24-hour clock times:

3:15pm→

9:35am→

1:15pm→

midnight→

12:55pm→

7:24pm→

7. Round these decimals to one decimal place:

13.67→

1.42→

22.55→

67.488→

Play with a partner

Make a list of 10 prime numbers and compare with the list of other children sitting next to you..