



Math

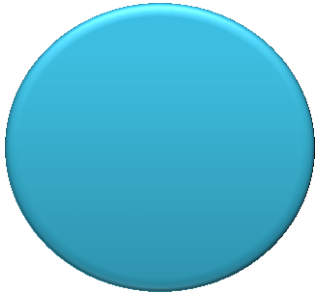


Application Guide

1. Write the elements of each set.

$B = \{\text{do, re, mi, fa, sol, la, si}\}$

SETS



B

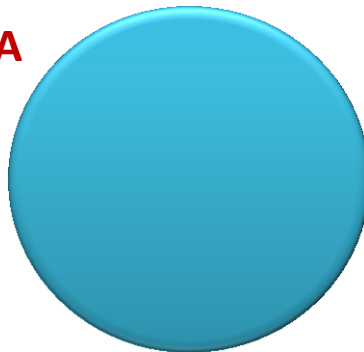


D

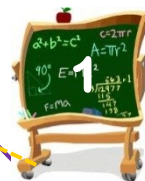
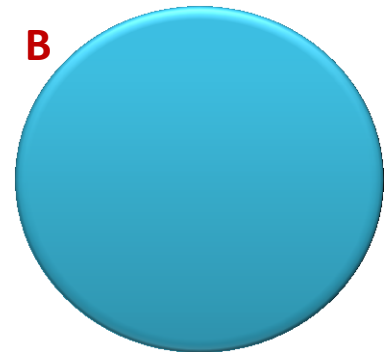
2. Read the clues. Then write the children name inside the circle where he belongs.

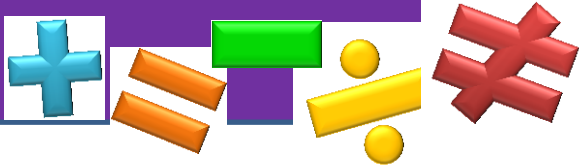
- John belongs to A
- Sam belongs to A
- Natalia belongs to A
- Cristina belongs to B
- Fred belongs to B
- Mary belongs to A

A



B





3. Binds with a line, each set corresponding to the subset.

Set
A = {Letters of the word bat}
B = {Odd numbers less than 100}
C = {Consonants of the word Margarita}
D = {Odd numbers ending in 5 less than 50}
E = {Numbers ending in 5 greater than 20 and less than 100}

Subset
F = {m, r, g, t}
G = {5, 15, 25, 35, 45}
H = {a, e, i, o, u}
I = {35, 55, 75}
J = {5, 17, 25, 37, 97}

4. Watch the whole. Then complete.

N \cup O = {_____}

O \cup N = {_____}

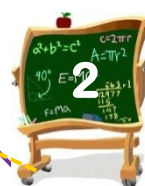
N = {10, 20, 30, 40, 50, 60}

O = {5, 10, 15, 20, 25, 30}

¿ How are the sets N \cup O y O \cup N?

5. Determines the set indicating the characteristic of the elements, ie comprehension :

P = { _____ }
Q = { _____ }
R = { _____ }





6. Since the set find the intersection.

$S = \{a, b, c, d\}$
$T = \{a, e, i, o\}$
$X = \{m, n, o, p\}$
$Y = \{o, p, q, r, s\}$

$$S \cap T = \{ \quad \}$$

$$X \cap Y = \{ \quad \}$$

7. Look at the list of customers who rented movies during the day. Then answer.

Adventure A

Lucas, Karla, José,
David, Juan, Lorena,
Mónica.

Comedy C

Rosi, Paco, Karla,
Alex, Nicol, Juan,
Lucas, Wilson,
Hugo.

Thriller S

Alex, Raúl,
Hugo, Lorena,
José, Sofía,
Wilson, Karla,
Marco,

What customers rented adventure and comedy movies?

$$A \cap C = \{ \quad \}$$

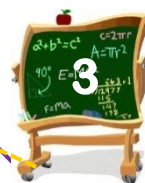
What customers hired comedy and suspense movies?

$$C \cap S = \{ \quad \}$$

What customers rented thrillers and adventure?

$$S \cap A = \{ \quad \}$$

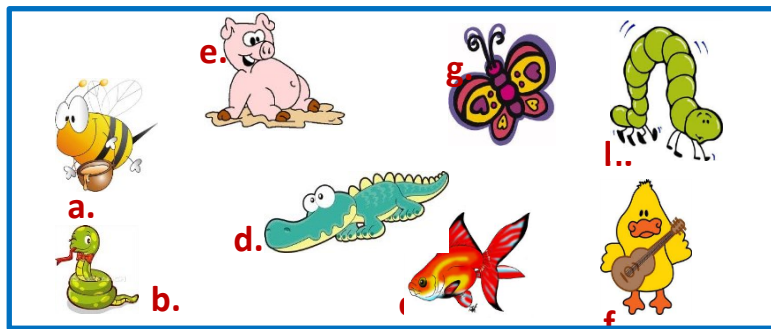
What customers rented thrillers, adventure and comedy?



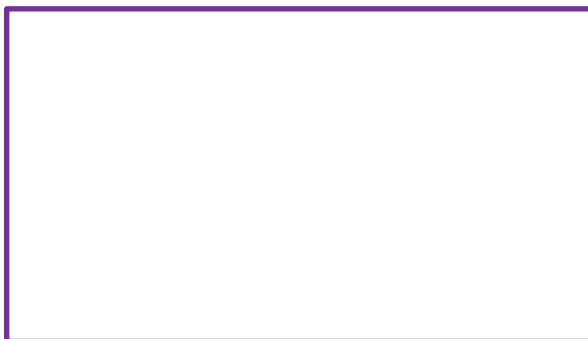
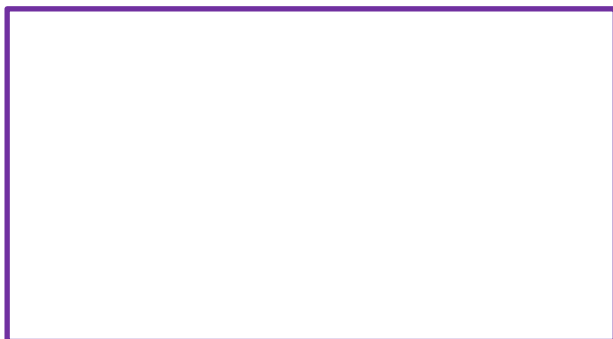


Unit 1

8. Mark with an x the number that makes true comparison.



Represents the set and the corresponding subset.

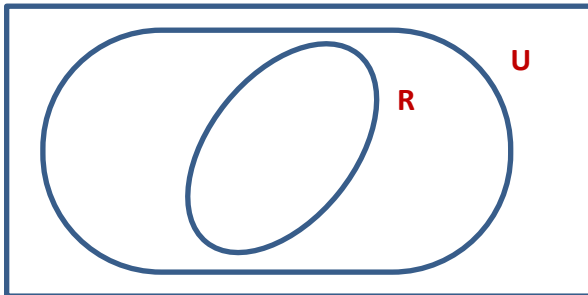


$A = \{\text{birds}\};$

$B = \{\text{oviparous}\}$

$M = \{\text{mammals}\};$

$V = \{\text{Vertebrates}\}$



$I = \{\text{insects}\};$

$B = \{\text{oviparous}\}$

Complete here the representation of subsets: A, B, M, V, I.
 $R = \{\text{reptiles}\}.$

Congratulations!
 You have been finished the
 mathematics unit one
 Do not forget to send by email the guide and
 activities.

