



EJERCICIOS DE MATEMÁTICA



Descarga Gratis Fichas de Matemática para Inicial, primaria y Secundaria

Plano Cartesiano

1. Ubicamos en el plano cartesiano los puntos.

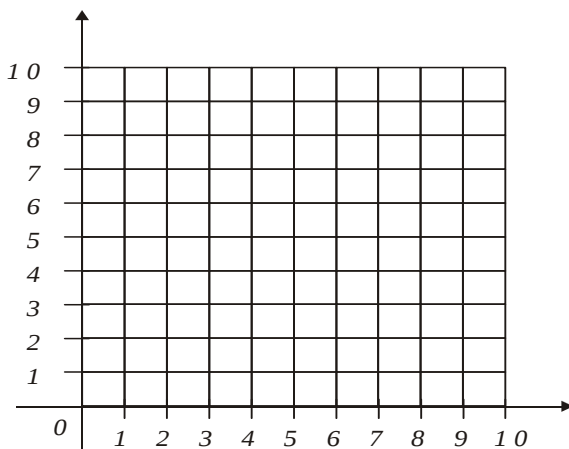
A(1, 5)

B(0, 2)

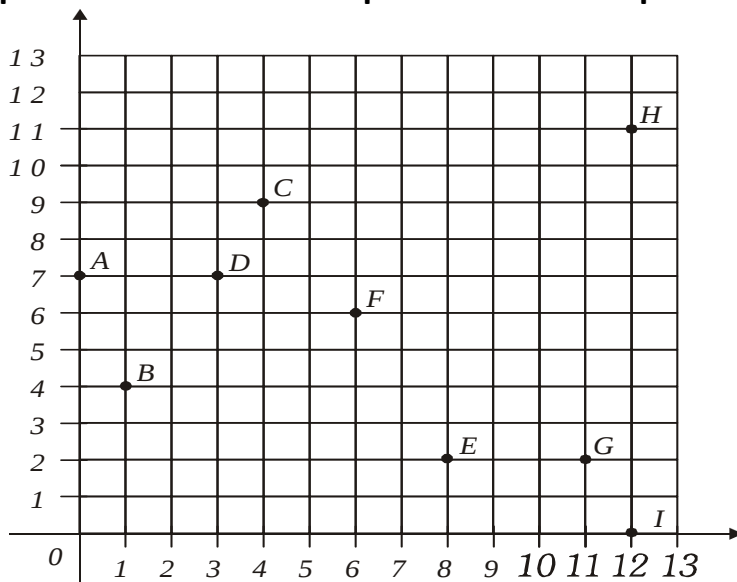
C(3, 5)

D(7, 2)

E(8, 5)



2. Escribe los pares ordenados correspondiente a cada punto:



A(;)

B(;)

C(;)

D(;)

E(;)

F(;)

G(;)

H(;)

I(;)



1. Ubica en un plano cartesiano los siguientes puntos.

A (0 ; 1)

B (0 ; 8)

C (2;10)

D (3 ; 11)

E (4 ; 1)

F (5 ; 0)

G (10 ; 0)

H (0 ; 2)

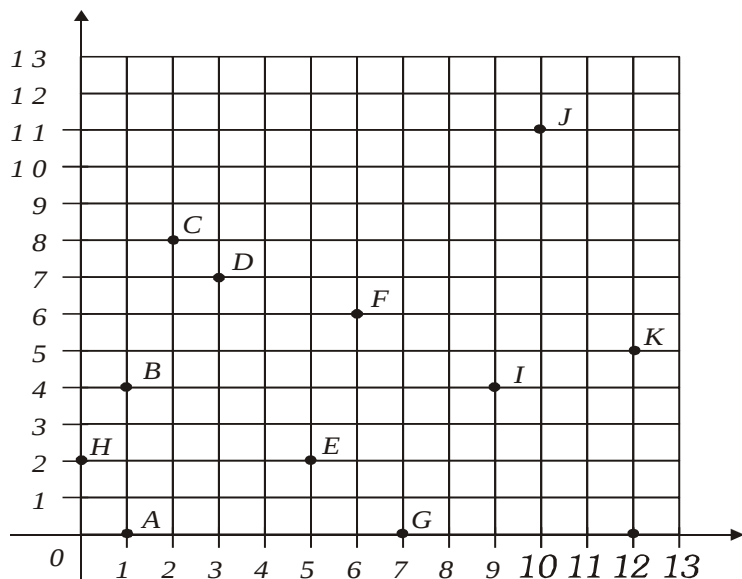
I (12 ; 3)

J (7 ; 0)

K (3 ; 0)

L (12 ; 3)

2. Escribe los pares ordenados correspondientes a los puntos.



A = (;)

B = (;)

C = (;)

D = (;)

E = (;)

F = (;)

G = (;)

H = (;)

I = (;)

J = (;)

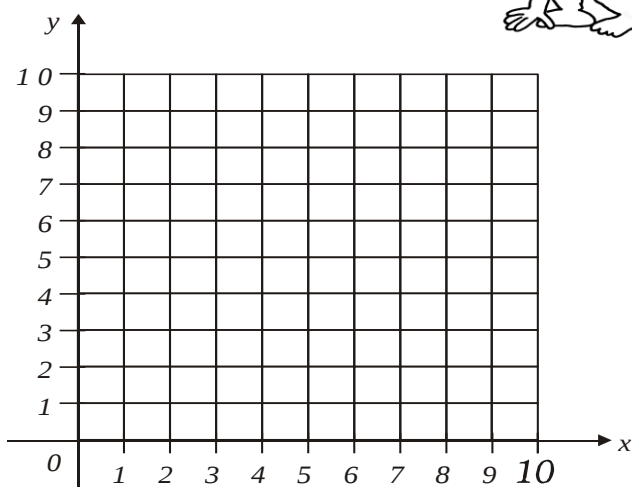
K = (;)

PRACTIQUEMOS



➤ Construye los siguientes segmentos en los planos cartesianos dados:

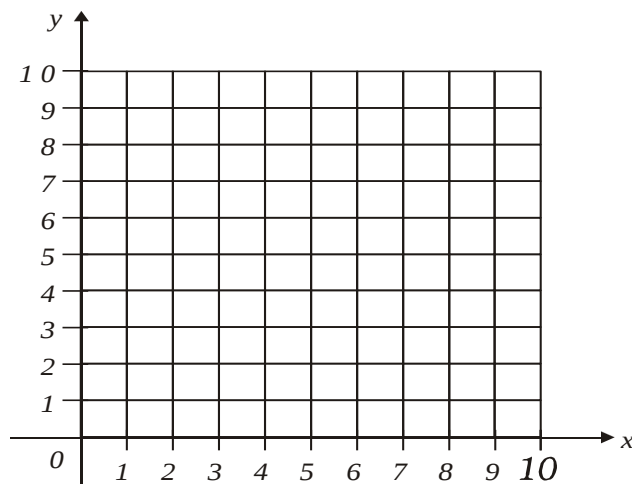
1. $\overline{AB} : A(2,3) \text{ y } B(5,8)$



2.

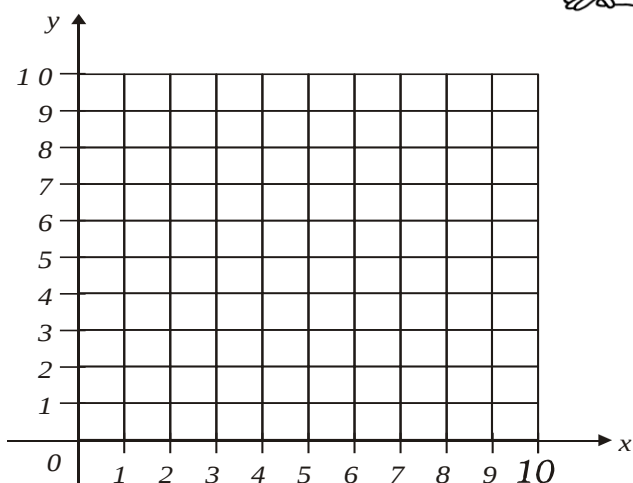
$\overline{ED} : E(1,5) \text{ y } D(5,8)$

$\overline{MN} : M(6,0) \text{ y } N(0,8)$



3. $\overline{PQ} : P(4,3) \text{ y } Q(8,8)$

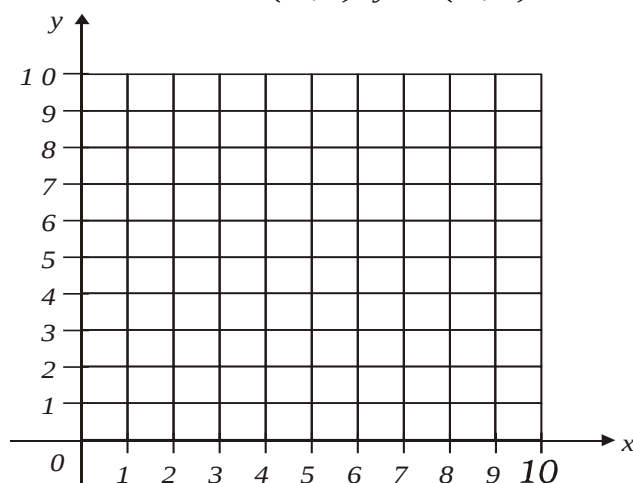
$\overline{RS} : R(3,8) \text{ y } S(8,3)$



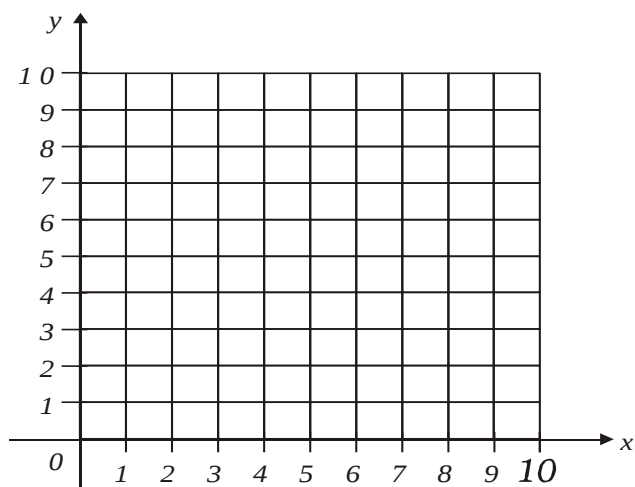
4.

$\overline{MO} : M(3,3) \text{ y } O(8,7)$

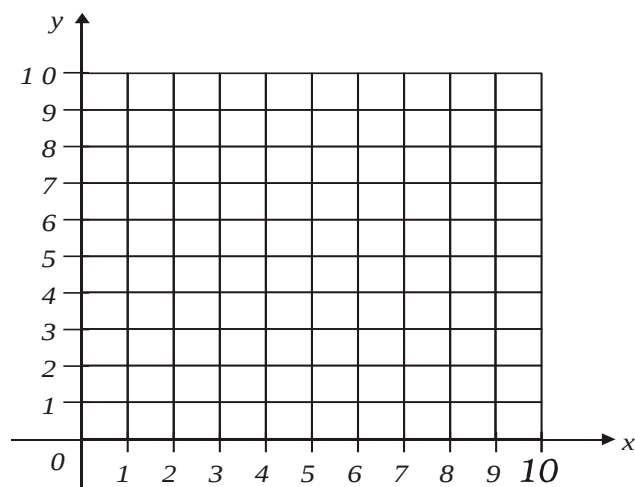
$\overline{CD} : C(3,1) \text{ y } D(6,6)$



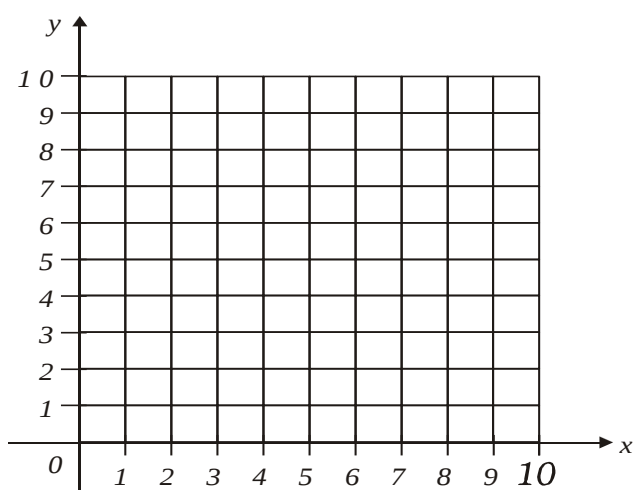
5. ABC: A (4,6) B (4,2) y C(2,5)



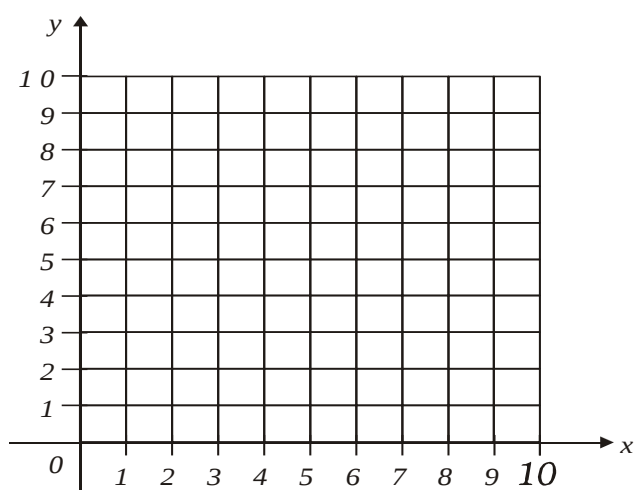
6. HIJ: H(1,0), I(2,4) y J(6,7)



7. MOP: M(6,1), O(3,1) y P(1,4)



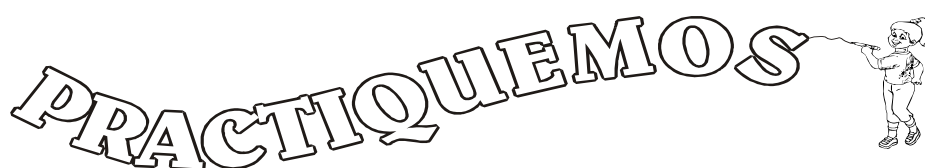
8. PQR: P(1, 2), Q(4,2) y R(6,6)





- Construye los siguientes triángulos en tu cuaderno, recuerda es un plano por cada triángulo.

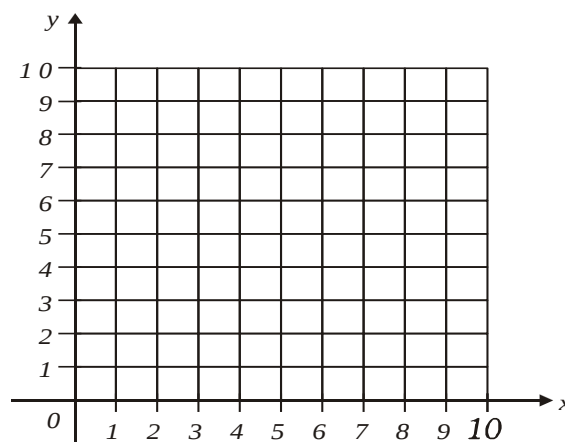
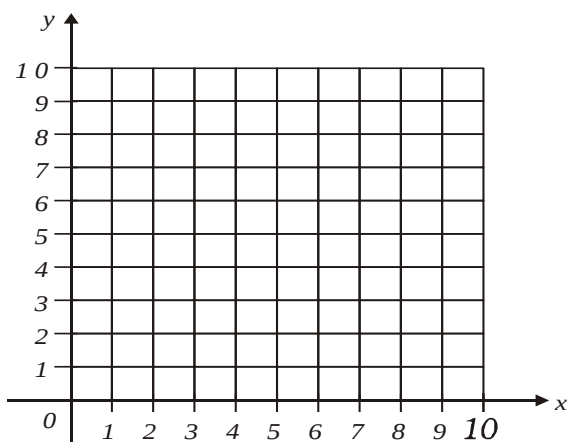
AOB	:	A(5, 0)	O(1, 0)	B(4, 4)
COD	:	C(4, 1)	O(0, 3)	D(3, 6)
EFG	:	E(8, 6)	F(8, 2)	G(2, 2)
FGH	:	F(8, 1)	G(4, 2)	H(1, 7)
JKL	:	J(6, 6)	K(5, 2)	L(1, 1)
ABC	:	A(4, 2)	B(1, 2)	C(1, 5)



- Construye los siguientes triángulos en los planos cartesianos dados:

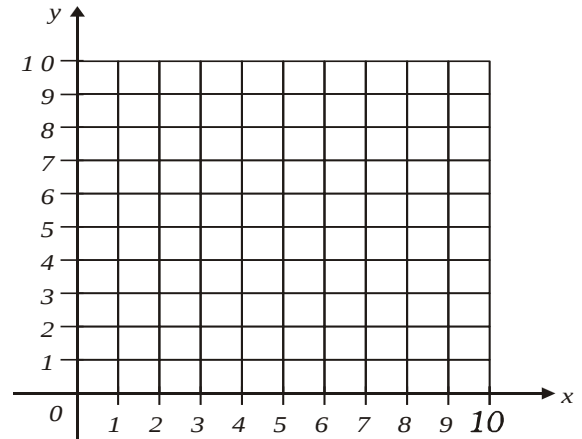
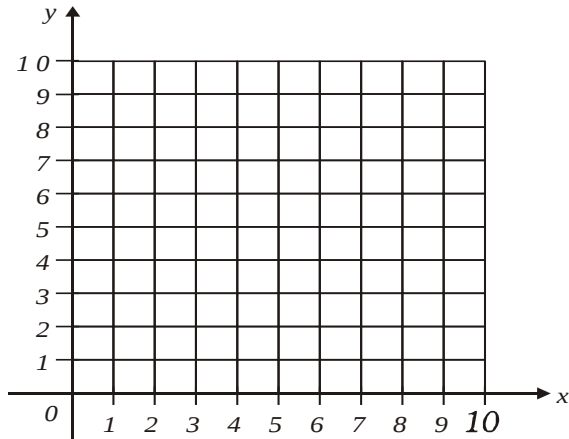
1. $\triangle AOB : A(3, 6), O(1, 3) \text{ y } B(5, 3)$

2. $\triangle DEF : D(7, 6), E(5, 2) \text{ y } F(1, 2)$



3. $\triangle IHG : I(7,1), H(4,4) \text{ y } G(3,1)$

4. $\triangle MNS : M(2,3), N(7,3) \text{ y } S(4,6)$

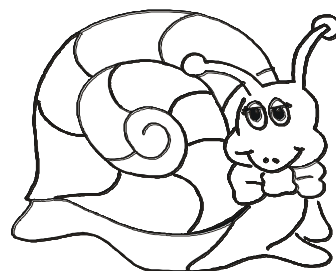
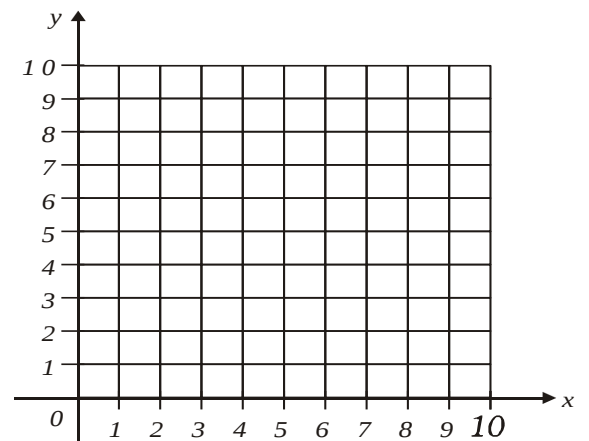
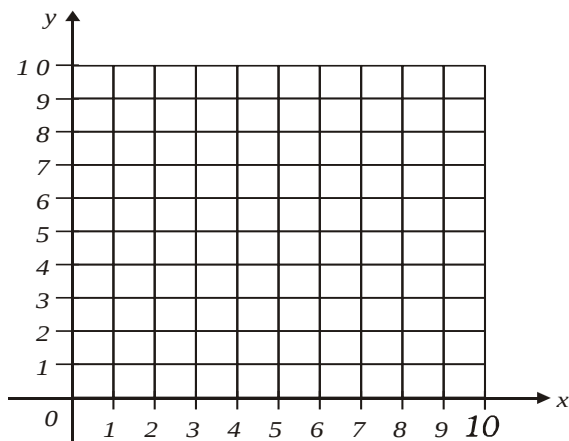


$\overline{MP} : M(2,3) \text{ y } P(6,6)$

$\overline{AB} : A(1,9) \text{ y } B(6,5)$

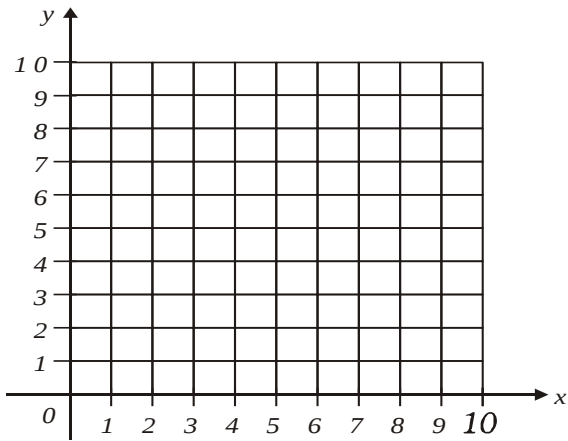
5. $\overline{QS} : Q(2,8) \text{ y } S(8,2)$

6. $\overline{CD} : C(4,9) \text{ y } D(10,3)$



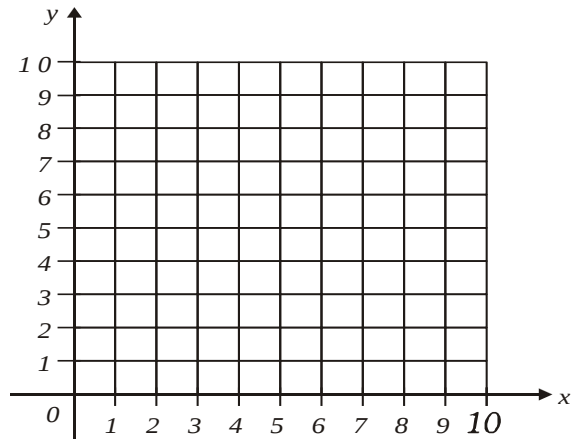
$\overline{EF} : E(3,9) \text{ y } F(8,1)$

7. $\overline{GH} : G(1,1) \text{ y } H(9,1)$



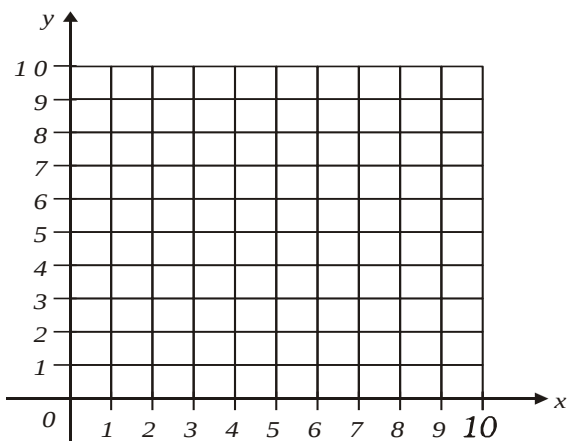
$\overline{PQ} : P(2,10) \text{ y } Q(6,9)$

8. $\overline{RS} : R(2,2) \text{ y } S(7,4)$



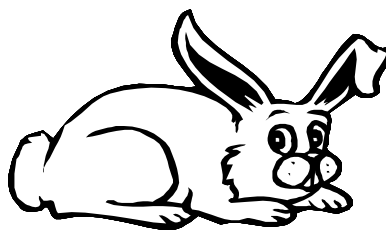
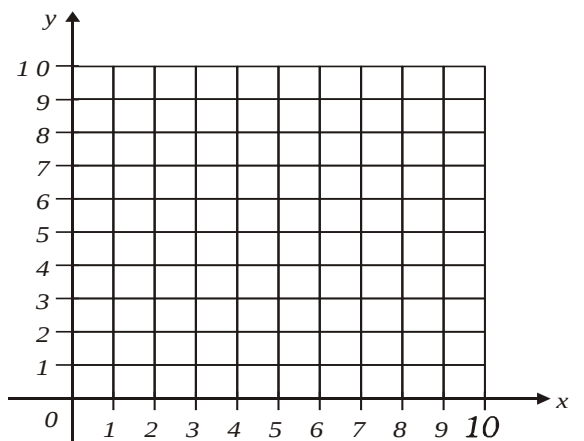
$\overline{OX} : O(0,8) \text{ y } X(3,2)$

9. $\overline{AB} : A(6,2) \text{ y } B(9,9)$



$\overline{GH} : G(5,6) \text{ y } H(7,2)$

10. $\overline{IJ} : I(6,9) \text{ y } J(9,11)$



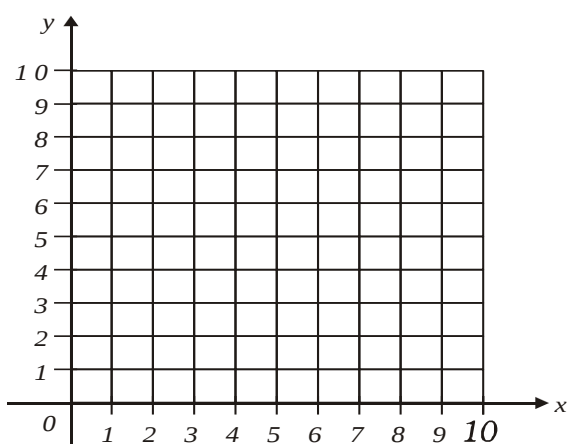
PRACTIQUEMOS



➤ Construye los siguientes cuadriláteros en los planos cartesianos

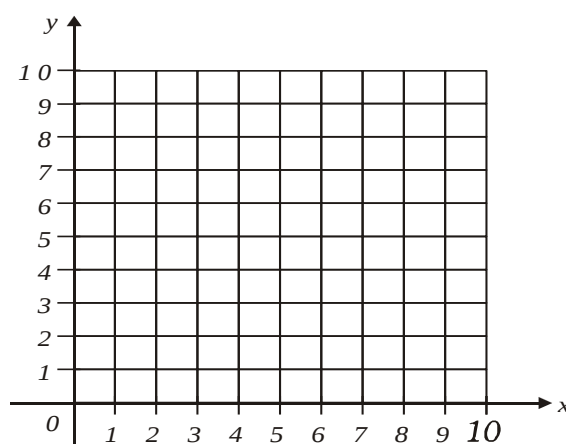
1. Rectángulo MPQR

M(2, 3) , P(6, 3) , Q(6, 6) , R(2, 6)



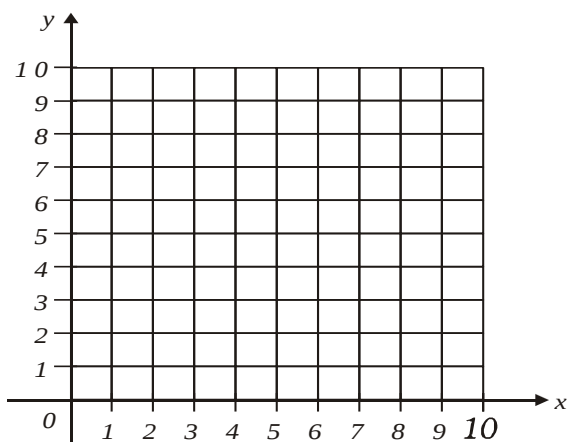
2. Cuadrado ABCD

A(1,1) , B(6, 1) , C(6, 6) , D(1, 6)



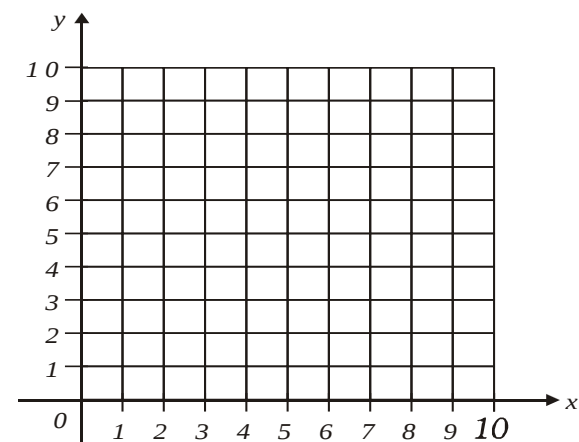
3. ABCD

A(2, 1) , B(5, 1) , C(5, 4) , D(2, 4)



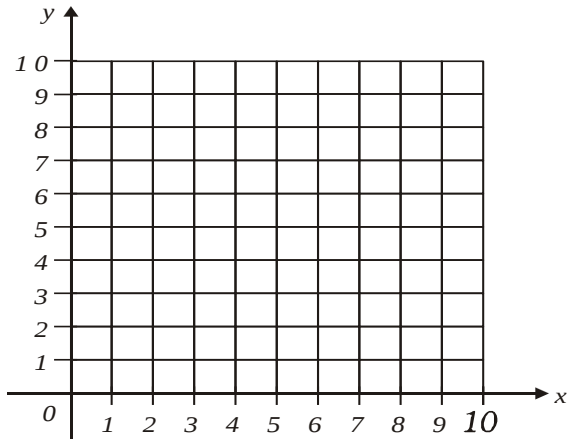
4. ABCD

A(2,2) , B(7,2) , C(7,5) , D(2,5)



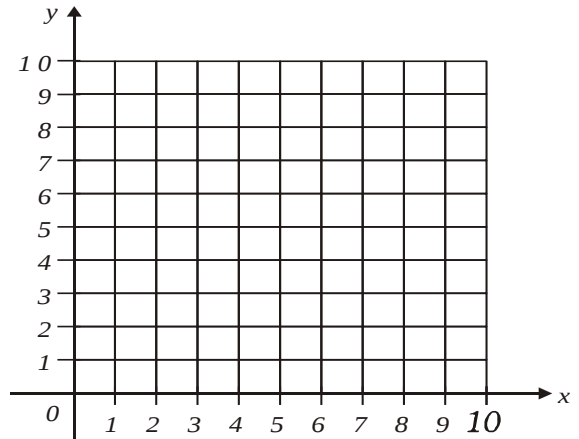
5. Rombo MPQR

M(2,0), P(3,4), Q(2,8), R(1,4)



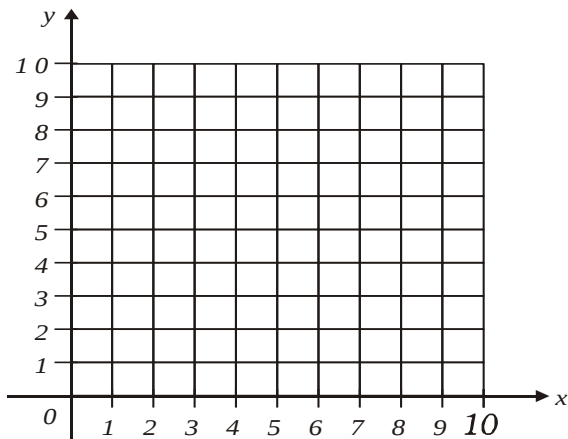
6. Trapecio MNRS

M(2,3), N(5,3), R(7,7), S(1,7)



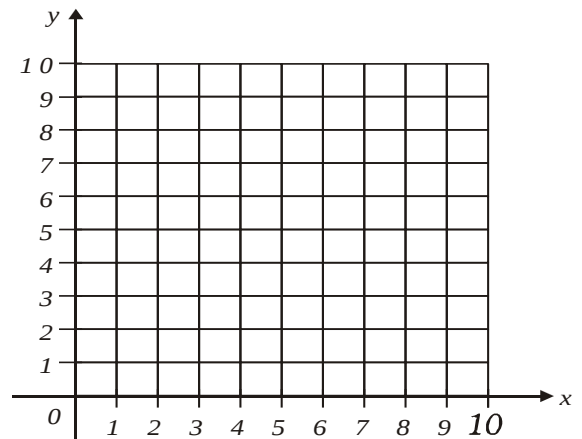
7. Cuadrilátero DEFG

D(3,0), E(0,4), F(3,7), G(7,4)



8. Romboide RSTU

R(3,2), S(6,0), T(6,5), U(3,7)



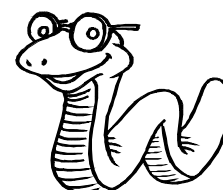


➤ Construye un plano cartesiano para cada una de las siguientes figuras

1. Triángulos

ABC: A(0, 0) B(9, 0) C(2, 8)

PQR: P(5, 0) Q(7, 9) R(0, 6)



2. Cuadrados

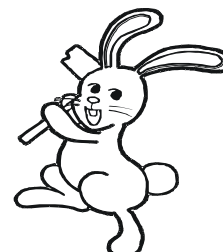
DEFG: D(1, 1) E(9, 1) F(9, 9) G(1, 9)

HIJK : H(4, 3) I(7, 6) J(4, 9) K(1, 6)

3. Rectángulos

ABCD: A(0, 4) B(10, 4) C(10, 9) D(0, 9)

MNRS: M(4, 0) N(8, 0) R(8, 7) S(4, 7)



4. Romboïdes

ABCD: A(1,3) B(6, 3) C(8,6) D(3, 6)

PQRS: P(0, 0) Q(3, 3) R(8, 3) S(5, 0)

5. Rombos

WXYZ: W(5, 0) X(8, 5) Y(5, 10) Z(2, 5)

PQRS: P(5, 4) Q(9, 6) R(5, 8) S(1, 6)

6. Trapecios

KLMN: K(2, 2) L(8, 4) M(8, 6) N(2,8)

PQRS: P(1, 4) Q(10, 1) R(10, 10) S(1, 8)