( , )		( , )
Quadrant III		Quadrant IV
	*If printed 2-sided, flip on short edge* Fold on dotted lines Cut on solid lines	
	Glue this side down	
( , )		( , )
Quadrant II		Quadrant I
The Coordi		nate Plane

### Coordinate Plane

- The two number lines are
- The horizontal axis is called the
- The vertical axis is called the
- intersect is called the The point where the axes
- coordinate plane into four The two axes divide the
- the location of a point on a coordinate plane is an .A pair of numbers that gives

H(-7,-2.5)

#### (x,y)

- The first number tells how far to the the point is located from the origin. \_ (positive) or (negative)
- The second number tells how far \_ (positive) or

(negative) the

point is located from the origin.

• The ordered pair for the origin is

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represents.	each grid line $C(-6,1)$	number of units that Ex 2 Graph and label each point on the coordinate plane.	of an axis is the	The The order	Point B is	in any quadrant.	arelocated	Point A is	located on the avec	Points that are
	<b>D</b> (1,5.5)	Graph and label each		The ordered pair is written	is unit(s)	The ordered pair is wrillen.		is unit(s)	localca.	EX. 1 Notice of the coordinates of the point
	E(0,-4) $F(3,-2)$	point on th			of the			of,		
	F(3,-2)	e coordinate	1	. It is located in Quac	of the origin and	  -       	<del>-</del> 5	of the origin and		
	G(6,0)	plane.		ted in Quad	unit	II IS localed III who	2 2 3 1 1 1	ת		dadd

## nate Plane

Quadrant I

Glue this side down

\*If printed 2-sided, flip on short edge\*
Fold on dotted lines
Cut on solid lines

# The Coordi

Quadrant II

Quadrant III

Quadrant IV

(+,-)

#### The Coordinate Plane

- The two number lines are called  $\frac{\mathcal{X}eS}{}$ .
- The **horizontal** axis is called the  $\chi \alpha \chi / s$
- The **vertical** axis is called the  $y-\alpha x/s$
- The point where the axes intersect is called the *prigin*
- The two axes divide the coordinate plane into four quadrants
- A pair of numbers that gives the location of a point on a coordinate plane is an ordered pair

_	
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V	<
_	_

• The first number tells how far to the right (positive) or (negative) the point is located from the origin.

- The second number tells how far 

  \( \begin{align\*} \mu \phi \\ \end{align\*} \quad \text{(positive) or} \\ \end{align\*} \quad \text{(negative) the} \\ \text{point is located from the origin.} \end{align\*}
- The ordered pair for the origin is (0,0)

				QUADRANT	-	В	·6 ·5 ·4 ·3 ·2 ·1		· ·			QUADRANT		
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- Points that are located on the axes point are MOT located Point in any quadrant.
- The <u>SCATE</u>
  of an axis is the number of units that each grid line represents.

C(-6,1) D(1,5.5) E(0,-4) F(3,-2)

G(6,0) H(-7,-2.5)

Ex. 1 Identify the coordinates of each point. Name the quadrant where each
point is located.
Point A is 5 unit(s) right of the origin and 6 unit(s) 4P
The ordered pair is written $(5, b)$ . It is located in Quadrant $\perp$
Point $B$ is $3$ unit(s) $10+$ of the origin and $1$ unit(s) $40$ wm.
The ordered pair is written $(-3, -1)$ . It is located in Quadrant $\overline{III}$ .
Ex 2 Graph and label each point on the coordinate plane.