

Review 225

Homework

Graphing Points

You can graph a point on a *coordinate plane*. Use an *ordered pair* (x, y) to record the coordinates. The first number in the pair is the *x-coordinate*. The second number is the *y-coordinate*.

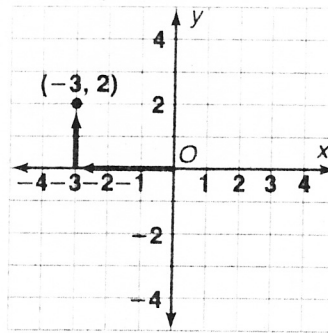
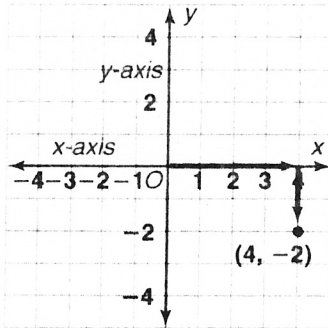
To graph a point, start at the origin, O . Move horizontally according to the value of x . Move vertically according to the value of y .

Example 1: $(4, -2)$

Start at O , move right 4, then down 2.

Example 2: $(-3, 2)$

Start at O , move left 3, then up 2.



Graph each ordered pair on the coordinate plane. Label each point with its letter. Then connect the points in order from A to S. Connect point S with point A to complete a picture.

A(7, 7)

J(-4, -6)

B(6, 3)

K(-7, -7)

C(6, 2)

L(-5, 1)

D(5, 1)

M(-6, 2)

E(7, -7)

N(-6, 3)

F(4, -6)

P(-7, 7)

G(1, -2)

Q(-1, 3)

H(0, -4)

R(0, 4)

I(-1, -2)

S(1, 3)

