c=(0 -1)

b=(4 -2)

a=(8 10)

c+1/2(b-a)

(4 -2) - (8 10)

(4-8) (-2-10)

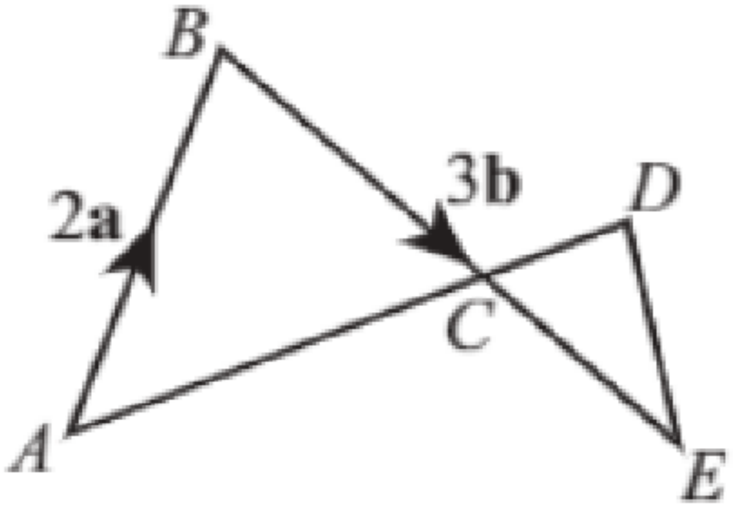
1/2(-4 -12)

(-2 -6)

(-4 -12)

0-2 -1-6

-2 -7)



ad=2:1

2cd=1ad

cd=ad+ac

ac=ab+bc

2cd=2a+3b

=2a+3b

cd=2a/
2+3b/2

cd=a+3b/2

ed=ec+cd

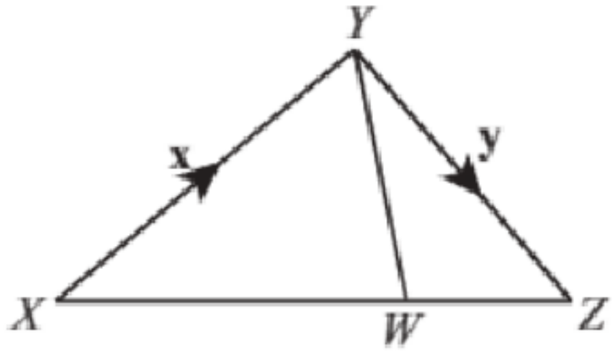
=-b+a+3b/2

=a-b+3b/2

=a+b/2

$$-b+\frac{3b}{2}$$

$$\frac{-2b+3b}{2}$$



XY=x
YZ=y
WZ=1/4(XZ)

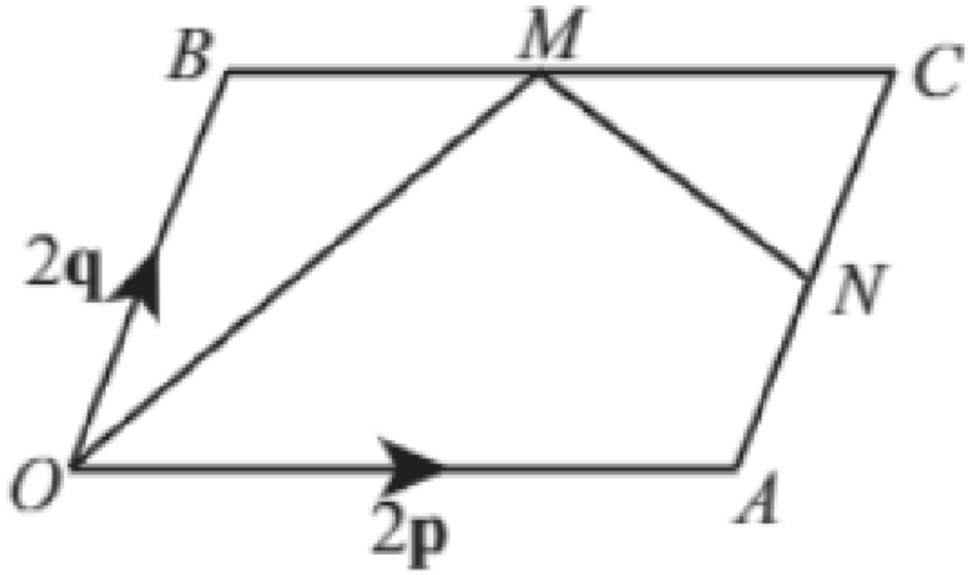
XZ=XY+YZ
=x+y

XW=3/4(XZ)
=3/4(x+y)

YW=YZ+ZW
=y+
(-1/4(x+y))
=-1/4x+y-1/4y
=-1/4x+3/4y

$$y - \frac{1}{4}y$$

$$\frac{4y - x}{4}$$



AB=OB+AO

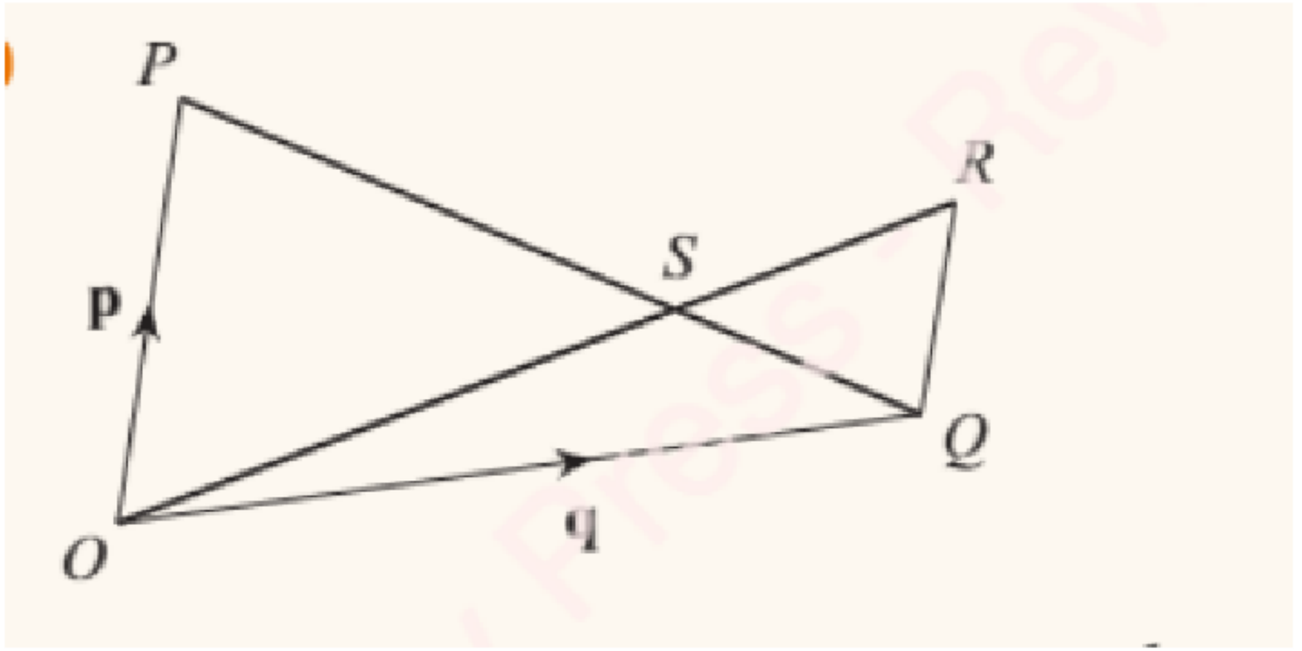
=2q-2p

0N=OA+AN

=2p+q

MN=MC+CN

=p-q



OP=p

OQ=q

SQ=1/3(PQ)

QR=1/2(OP)

PS=2/3(PQ)

=2/3(-p+q)

PQ=PO+OQ

=-p+q

OS=OQ+QS

=q-1/3(PQ)

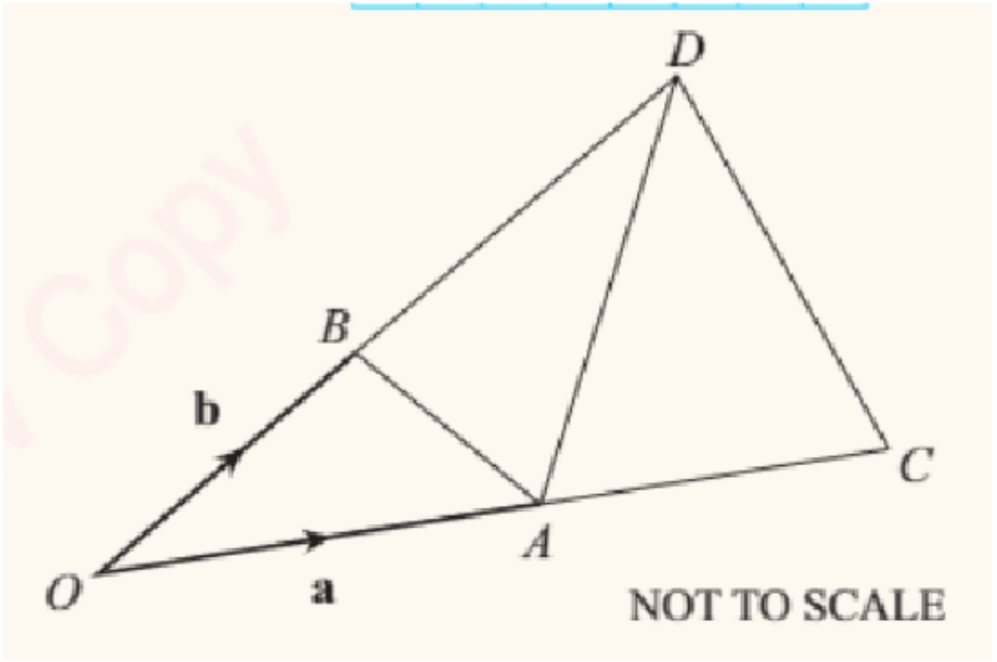
=q-1/3(-p+q)

=p/3+2/3q

OR=OQ+QR

=q+1/2(OP)

=q+1/2p



0BA=ODC

AC=2a

AD=3b-a

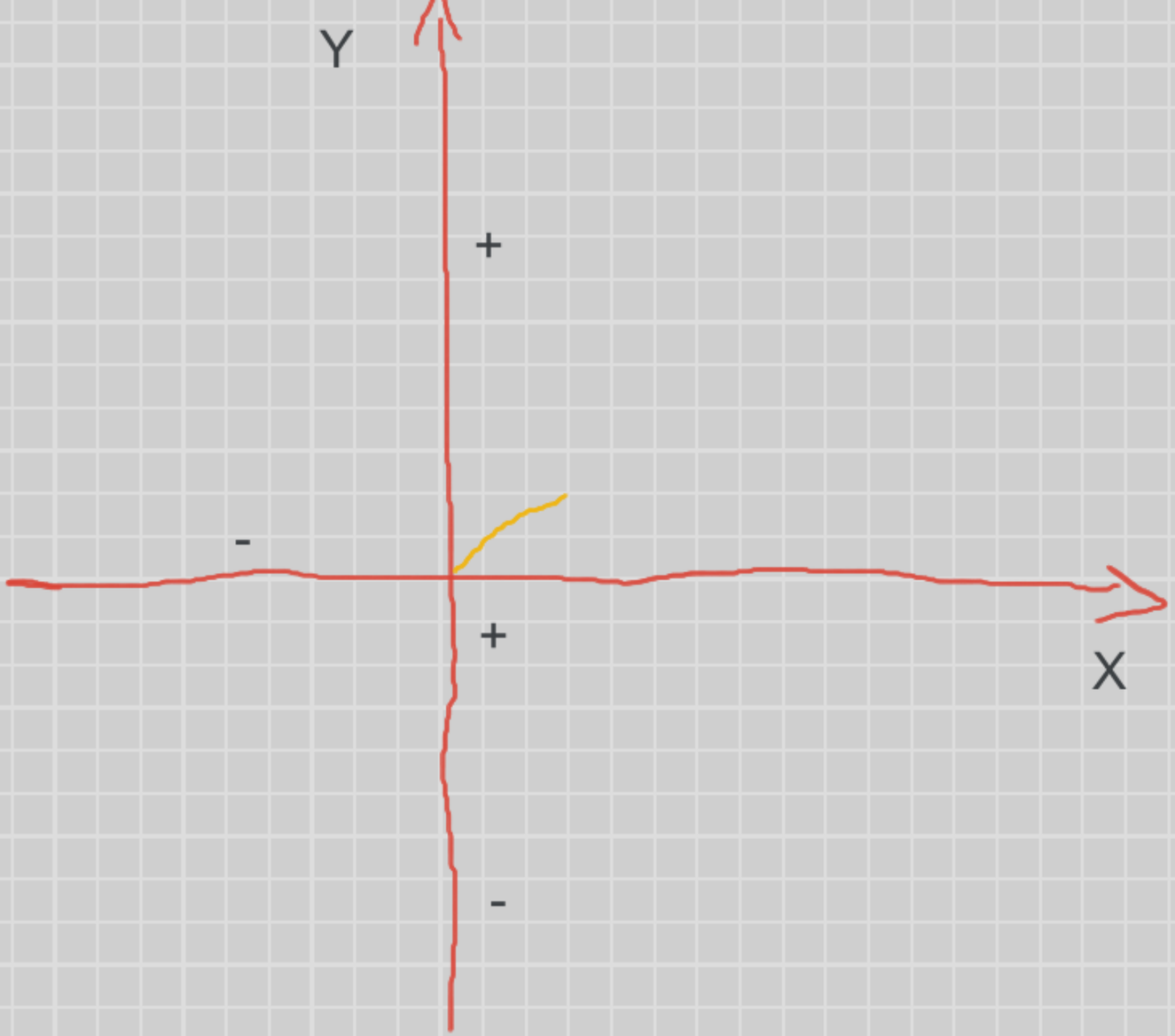
CD=CA+AD

=-2a+3b-a

=-3a+3b

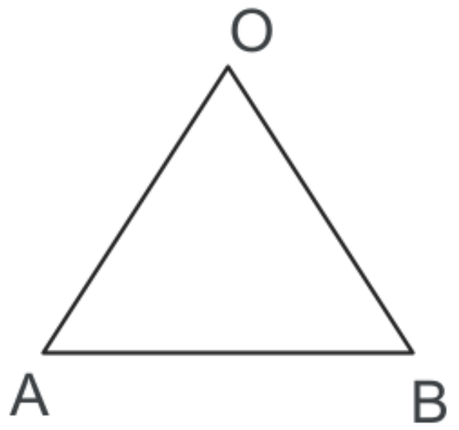
=3(-a+b)

CD=3AB


Y
+
-
+
X
-

A=(-3
-3)

B=(3
5)



|AB|

OA=(-3
-3)

OB=(3
5)

AB=AO+OB

=(3 +(3
3) 5)

=(6
8)

|AB|=√(6^2+
8^2)

|AB|=√36+64

|AB|=√100

|AB|=10