# Midpoints Worksheet

**Find the midpoints of the following lines given the endpoints:**

$(3,6)$ and $(10,12)$

$(6,9)$ and $(-2,4)$

$(4.5,6)$ and $(6.5,20)$

$(500,450)$ and $(-200,-50)$

$(20,45)$ and $(30,65)$

$(1.5,3)$ and $(-1.4,4)$

**Find the missing endpoint given one endpoint and the midpoint**

$(-20,25)$

$(-5,2.5)$

$(-18,-20)$

$(-99,-115)$

$(-0.4,0.3)$

$(-0.1,-0.2)$

*A*

*C*

$(-10,5)$

$(-40,-30)$

**Find the midpoints of the following lines given the endpoints:**

$(3,6)$ *and* $(10,12)$

$(6.5, 9)$

$(6,9)$ *and* $(-2,4)$

$(2, 6.5)$

$(4.5,6)$ *and* $(6.5,20)$

$(5.5, 14)$

$(500,450)$ *and* $(-200,-50)$

$(150,200)$

$(20,45)$ *and* $(30,65)$

$(25, 55)$

$(1.5,3)$ *and* $(-1.4,4)$

$(0.05, 3.5)$

**Find the missing endpoint given one endpoint and the midpoint**

$(-20,25)$

$(-5,2.5)$

$(15, -20)$

$(63, 75)$

$(-18,-20)$

$(-99,-115)$

$(0.2, -0.7)$

$(-0.4,0.3)$

$(-0.1,-0.2)$

$A$

$C$

$(-10,5)$

$(20, 40)$

$(-40,-30)$