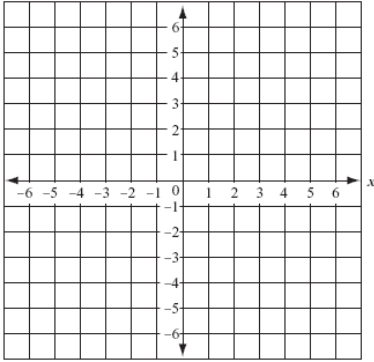
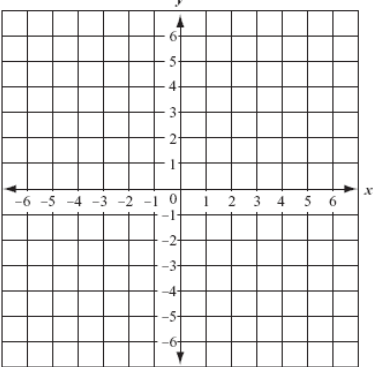


Section Formula $(x, y) = \left(\frac{ax_2 + bx_1}{a+b}, \frac{ay_2 + by_1}{a+b} \right)$ Name _____ Block _____

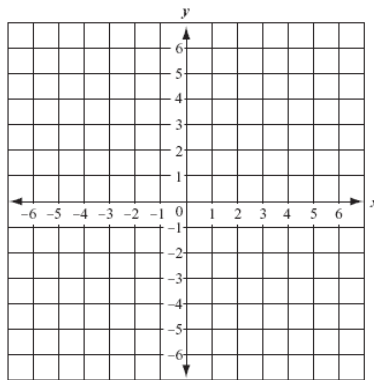
1. Line segment AB has endpoints $(-2, 4)$ and $(6, 0)$. What are the coordinate divides A to B in the ratio of 5:3?



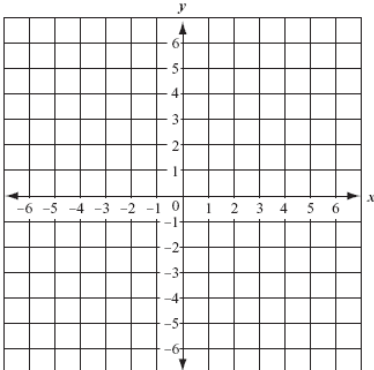
2. Line segment AB has endpoints $(-6, 1)$ and $(1, -6)$. What coordinate divides B to A in the ratio of 4:3?



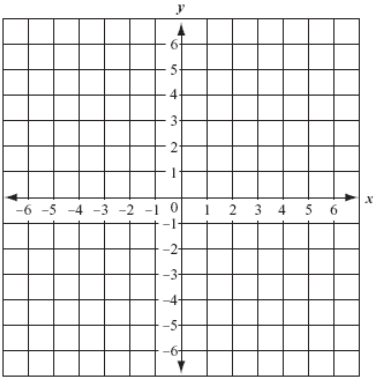
3. Line segment AB has endpoints $(2, 6)$ and $(-1, -3)$. What coordinate divides A to B in the ratio of 1:2?



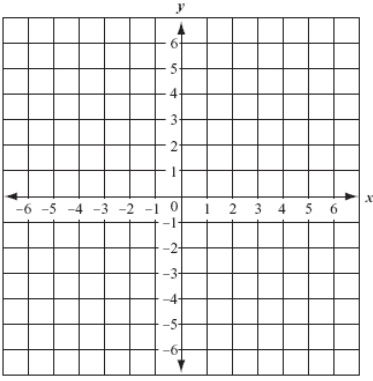
4. Line segment AB has endpoints $(-5, 1)$ and $(5, 5)$. What coordinate divides B to A in the ratio of 2:2?



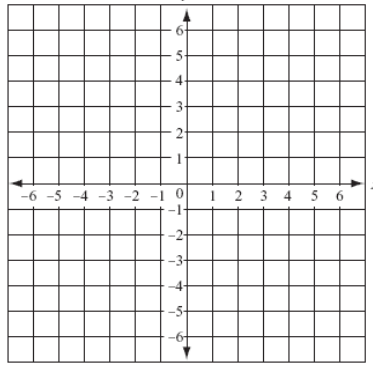
5. Line segment AB has endpoints $(7, 2)$ and $(4, 6)$. What coordinate divides A to B in the ratio of $2:3$?



6. Line segment AB has endpoints $(-3, 8)$ and $(3, -4)$. What coordinate divides B to A in the ratio of $4:2$?



7. In line segment AB , point A is $(1, 6)$ and $(0, 3)$ is a coordinate that divides A to B in the ratio $1:2$. What is point B ?



8. In line segment AB , point A is $(-5, 4)$ and $(-2, 3)$ is a coordinate that divides B to A in the ratio $3:1$. What is point B ?

