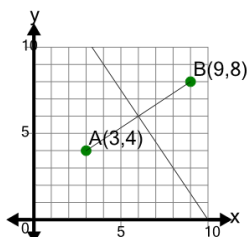# mobius

Line Segment (Graph) - Find Perpendicular Bisector (Formula)

1 Find the equation for the perpendicular bisector of segment AB
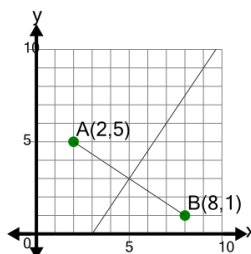

A $y = -\dfrac{2}{3}x + 10$ B $y = -\dfrac{3}{2}x + \dfrac{25}{2}$

C $y = -6x + 42$ D $y = -\dfrac{3}{2}x + 15$

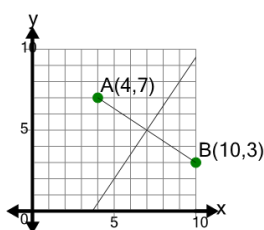**2** Find the equation for the perpendicular bisector of segment AB

A $y = \dfrac{3}{2}x + -\dfrac{7}{2}$ B $y = \dfrac{2}{3}x + -\dfrac{1}{3}$

C $y = 2x + -7$ D $y = \dfrac{3}{2}x + -\dfrac{9}{2}$

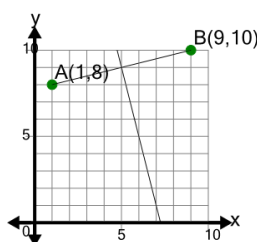**3** Find the equation for the perpendicular bisector of segment AB

A $y = \dfrac{2}{3}x + \dfrac{1}{3}$ B $y = \dfrac{3}{2}x + -\dfrac{1}{2}$

C $y = \dfrac{5}{2}x + -\dfrac{25}{2}$ D $y = \dfrac{3}{2}x + -\dfrac{11}{2}$

4 Find the equation for the perpendicular bisector of segment AB
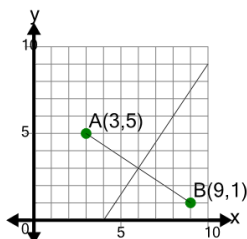

A $y = -6x + 39$ B $y = -4x + 41$

C $y = -4x + 29$ D $y = -\dfrac{1}{4}x + \dfrac{41}{4}$

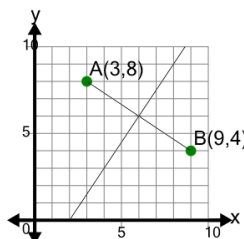**5** Find the equation for the perpendicular bisector of segment AB

A $y = \dfrac{4}{7}x + -\dfrac{3}{7}$ B $y = \dfrac{3}{2}x + \dfrac{3}{2}$

C $y = \dfrac{2}{3}x + -1$ D $y = \dfrac{3}{2}x + -6$

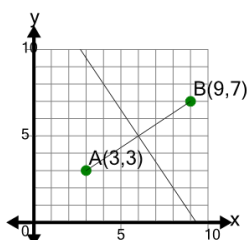**6** Find the equation for the perpendicular bisector of segment AB

A $y = \dfrac{3}{2}x + -\dfrac{1}{2}$ B $y = \dfrac{3}{2}x + -3$

C $y = \dfrac{3}{2}x + -6$ D $y = \dfrac{3}{2}x + 1$

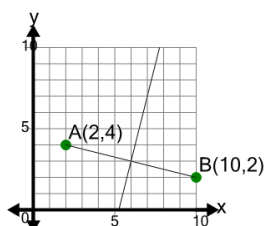**7** Find the equation for the perpendicular bisector of segment AB

A $y = -\dfrac{3}{2}x + \dfrac{23}{2}$ B $y = -\dfrac{3}{2}x + 14$

C $y = -\dfrac{2}{3}x + 9$ D $y = -\dfrac{3}{2}x + \dfrac{25}{2}$

8 Find the equation for the perpendicular bisector of segment AB

A $y = 8x + -45$ B $y = 4x + -6$

C $y = \dfrac{1}{4}x + \dfrac{3}{2}$ D $y = 4x + -21$