

Essential Skills 2

The skills in this series of worksheets appear frequently.

These are the GIFTS you must take to succeed



Equation of a Perpendicular Bisector (Non Calculator)

Find the equation of the perpendicular bisector of the line joining each pair of points:

1. A (4, 0) and B (2, 6)
2. A (-1, -4) and B (-3, 4)
3. A (-1, -3) and B (-7, -1)
4. A (4, 7) and B (10, 1)
5. A (2, -1) and B (8, 3)
6. A (-4, 3) and B (-2, 1)
7. A (9, 8) and B (3, 2)
8. A (-5, 4) and B (3, -2)
9. A (3, -2) and B (-7, -6)
10. A (-3, 2) and B (-3, 8)

APPLYING QUESTION

A is the point (-5, -1), B is (3, 3) and C is (4, -4) in triangle ABC

- (a) Find the equation of the perpendicular bisector of the line AB
- (b) Find the equation of the perpendicular bisector of the line AC
- (c) Find the point of intersection of these perpendicular bisectors.

