

## Essential Skills 1

The skills in this series of worksheets appear frequently.

These are the GIFTS you must take to succeed

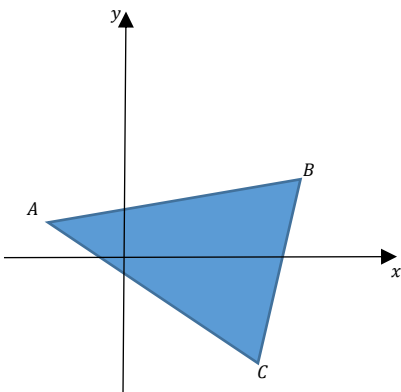


### Median of a Triangle (Non Calculator)

Find the equation of the Median from A in each:

1. A (4, 0), B (-1, -1) and C (11, 5)
2. A (-1, -5), B (-3, 5) and C (7, 3)
3. A (-2, -5), B (-1, 12) and C (7, -2)
4. A (4, 7), B (2, 1) and C (10, 1)
5. A (-1, 6), B (-2, -3) and C (6, 3)
6. A (-8, -3), B (2, 3) and C (6, -5)
7. A (9, 8), B (3, 2) and C (11, 6)
8. A (5, 1), B (-2, 7) and C (6, -3)
9. A (3, -2), B (-1, -7) and C (7, 1)
10. A (5, 2), B (-1, 6) and C (-3, -2)

### APPLYING QUESTION



A triangle has vertices A (-3, 2), B (7, 4) and C (5, -6)

- (a) Find the equations of medians AM and BN.
- (b) Establish the coordinates of K, the point of intersection of AM and BN.

