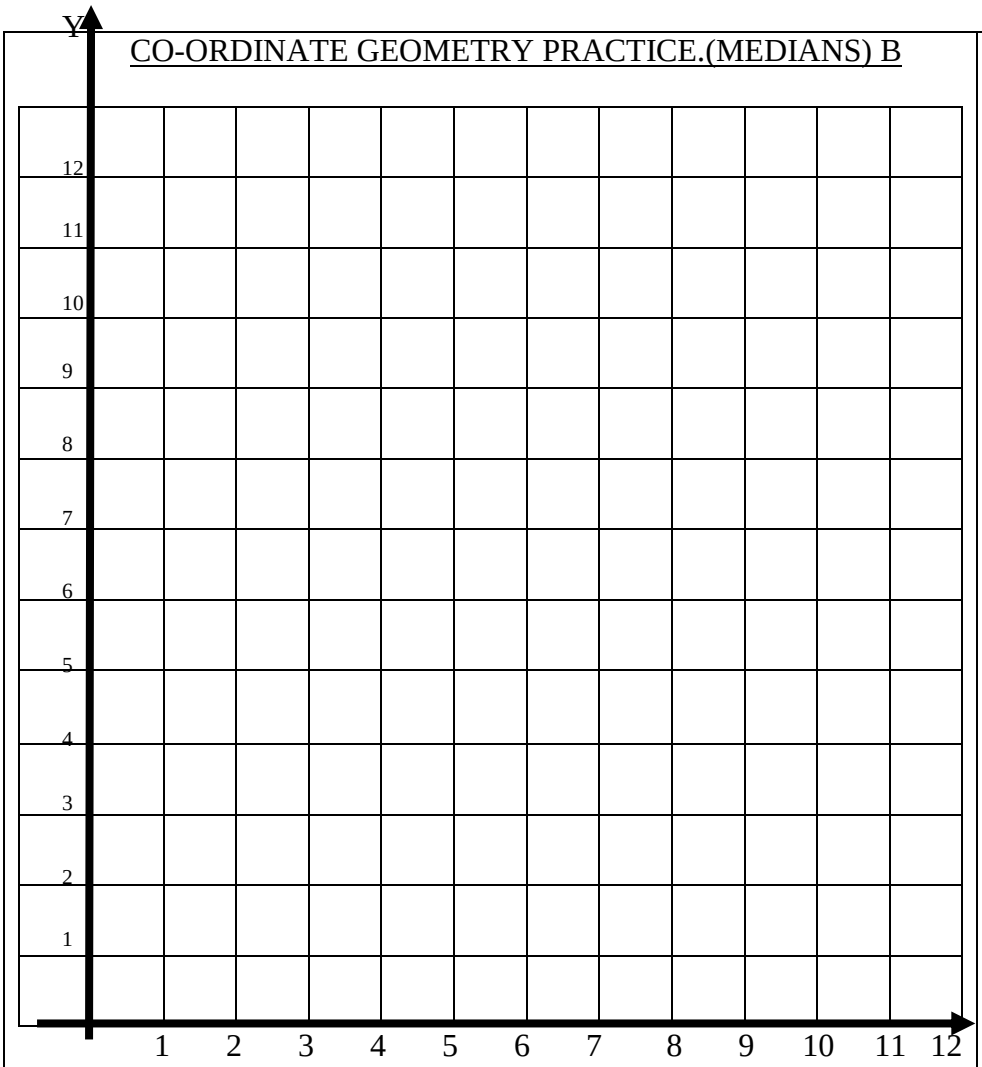
CO-ORDINATE GEOMETRY PRACTICE.(MEDIANS) B



1. Draw triangle ABC where A is (0, 3) B is (12, 7) and C is (8, 11)

2. Find the gradients of:

(i) AB =

(ii) BC

(iii) CA

3. Find the Mid Points of :

(i) AB

(ii) BC

(iii) CA

4. Find the lengths of :

(i) AB

(ii) BC

(iii) CA

5. Find the equations of :

(i) AB

(ii) BC

(iii) CA

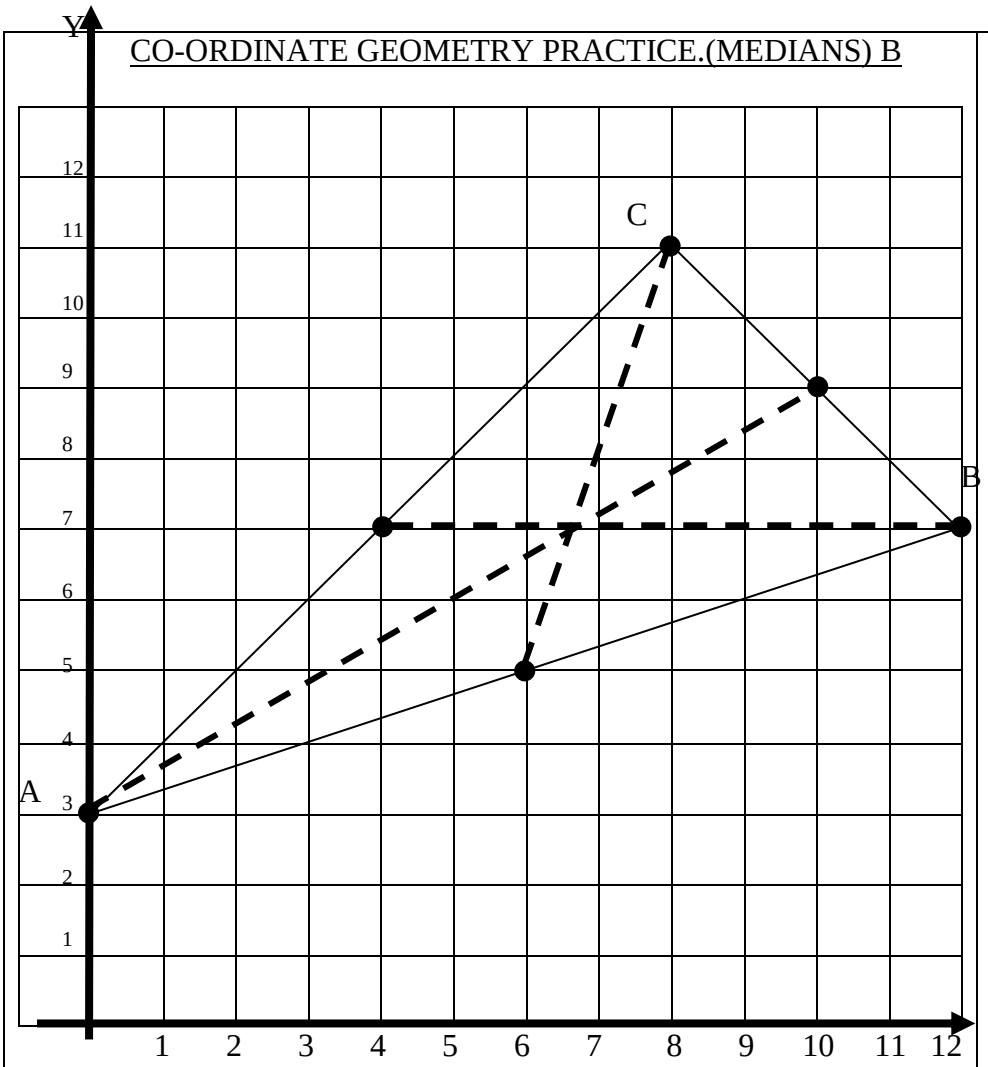
5. Find the equation of the median from :

(i) A to BC

(ii) B to AC

(iii) C to AB

CO-ORDINATE GEOMETRY PRACTICE.(MEDIANS) B



1. Draw triangle ABC where A is (0, 3) B is (12, 7) and C is (8, 11)

2. Find the gradients of:

(i) AB $= \frac{1}{3}$

(ii) BC = - 1

(iii) CA = 1

3. Find the Mid Points of :

(i) AB = (6, 5)

(ii) BC = (10, 9)

(iii) CA = (4, 7)

4. Find the lengths of :

(i) AB

$\sqrt{160}$

(ii) BC

$\sqrt{32}$

(iii) CA

$\sqrt{128}$

5. Find the equations of :

(i) AB

$y = \frac{1}{3}x + 3$

(ii) BC

$y = -x + 19$

(iii) CA

$y = x + 3$

5. Find the equation of the median from :

(i) A to BC

$y = \frac{3}{5}x + 3$

(ii) B to AC

$y = 7$

(iii) C to AB

$y = 3x - 13$