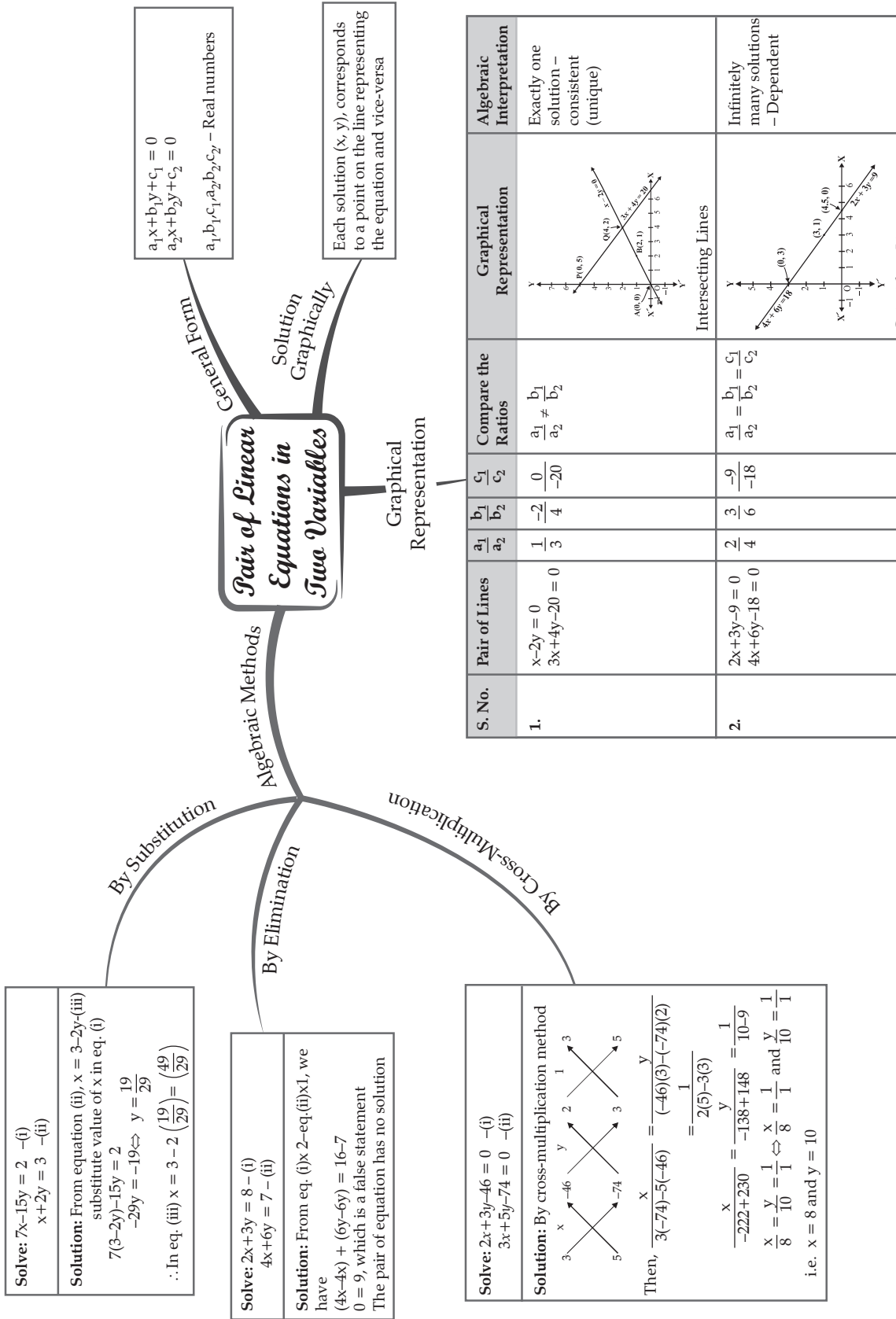
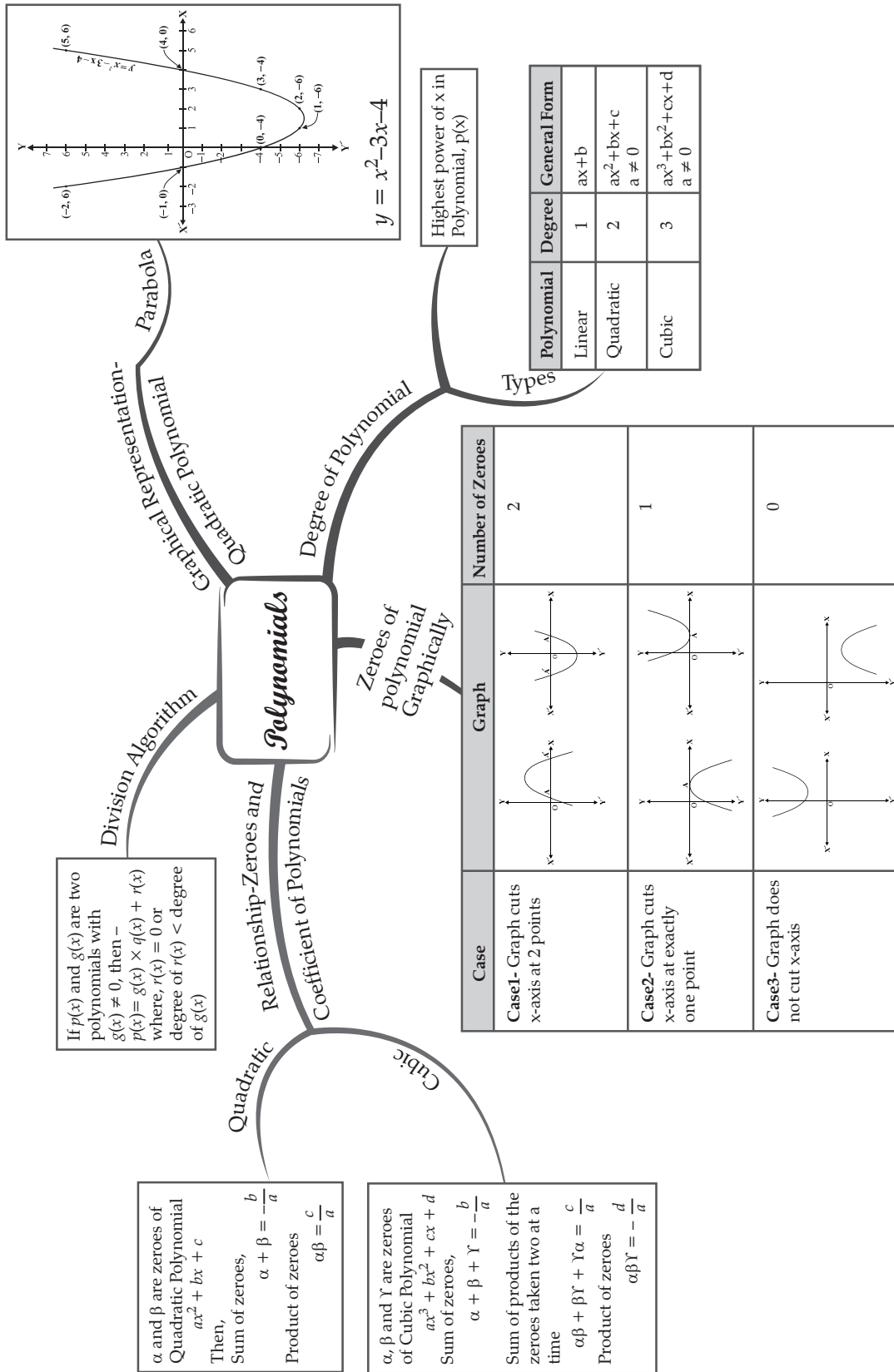


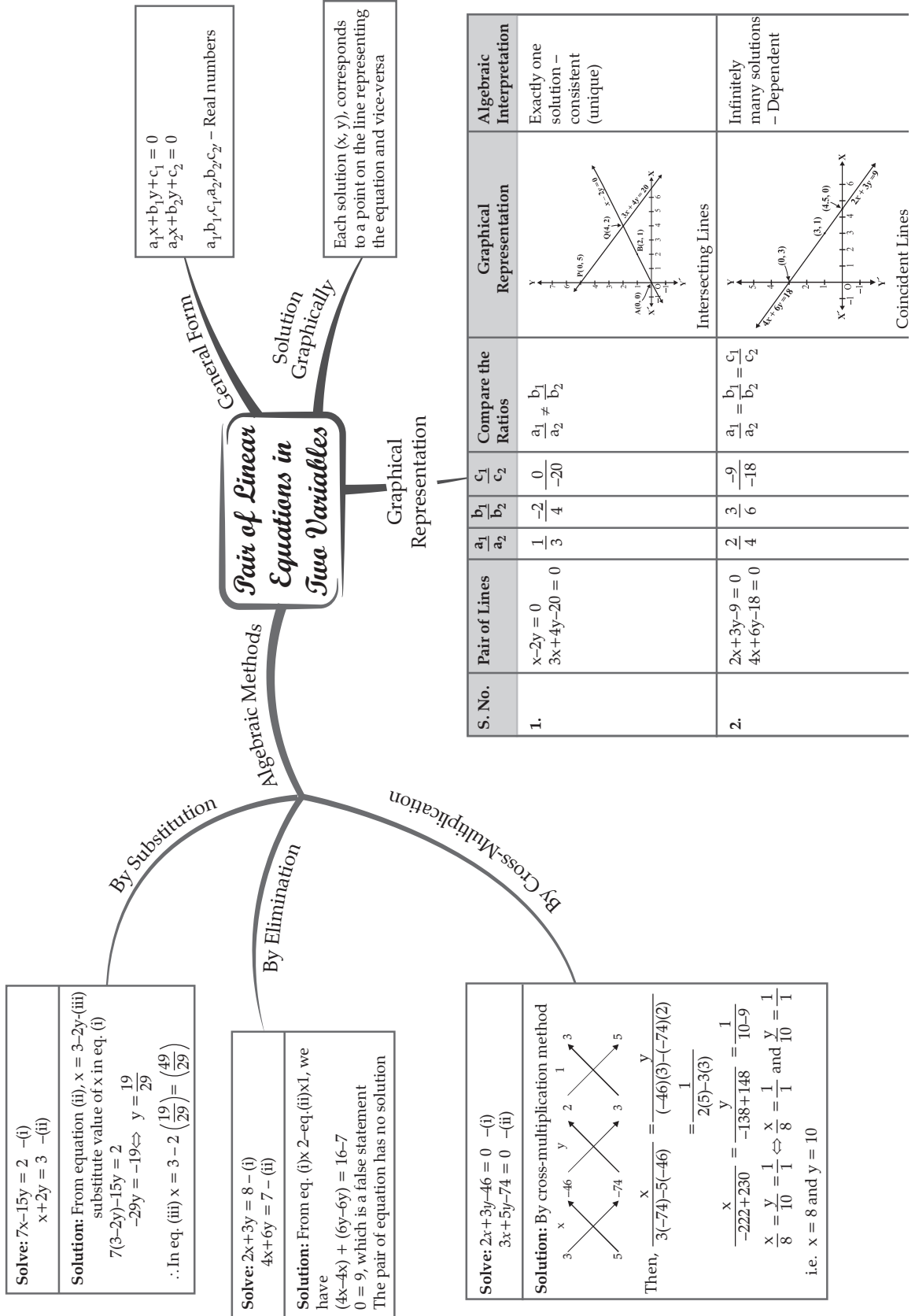
MIND MAP : LEARNING MADE SIMPLE Chapter-1



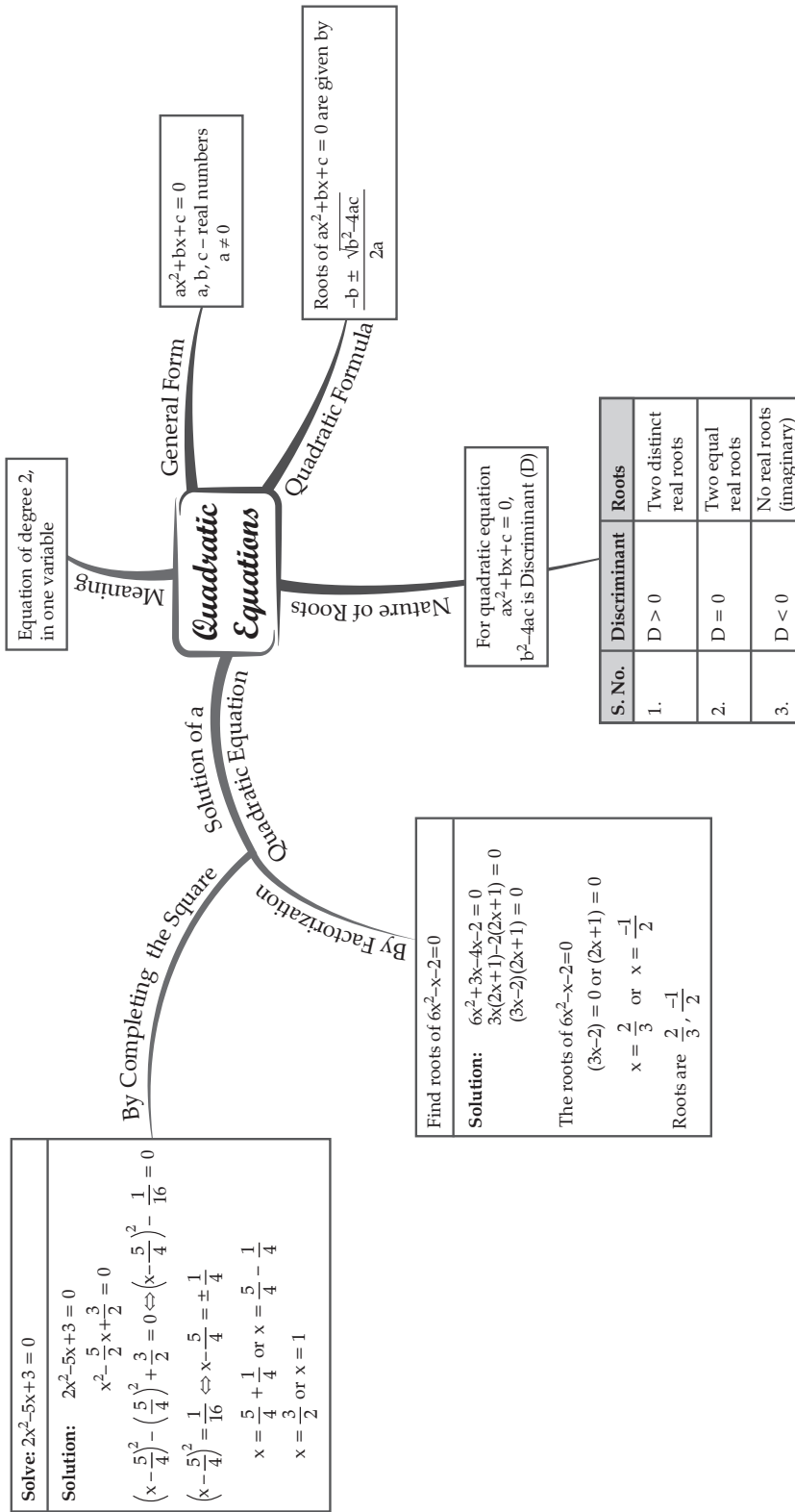
MIND MAP : LEARNING MADE SIMPLE Chapter-2



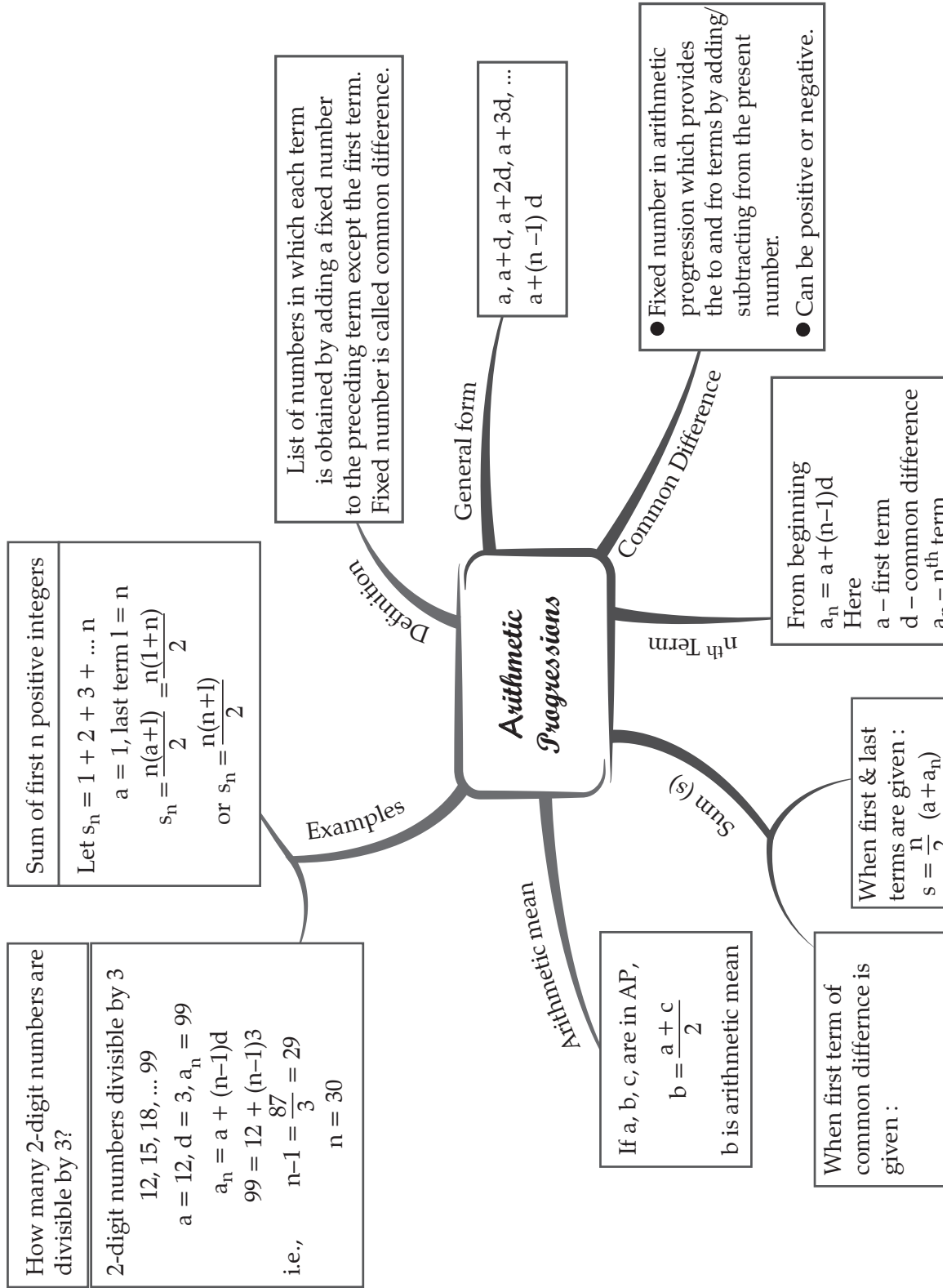
MIND MAP : LEARNING MADE SIMPLE Chapter-3



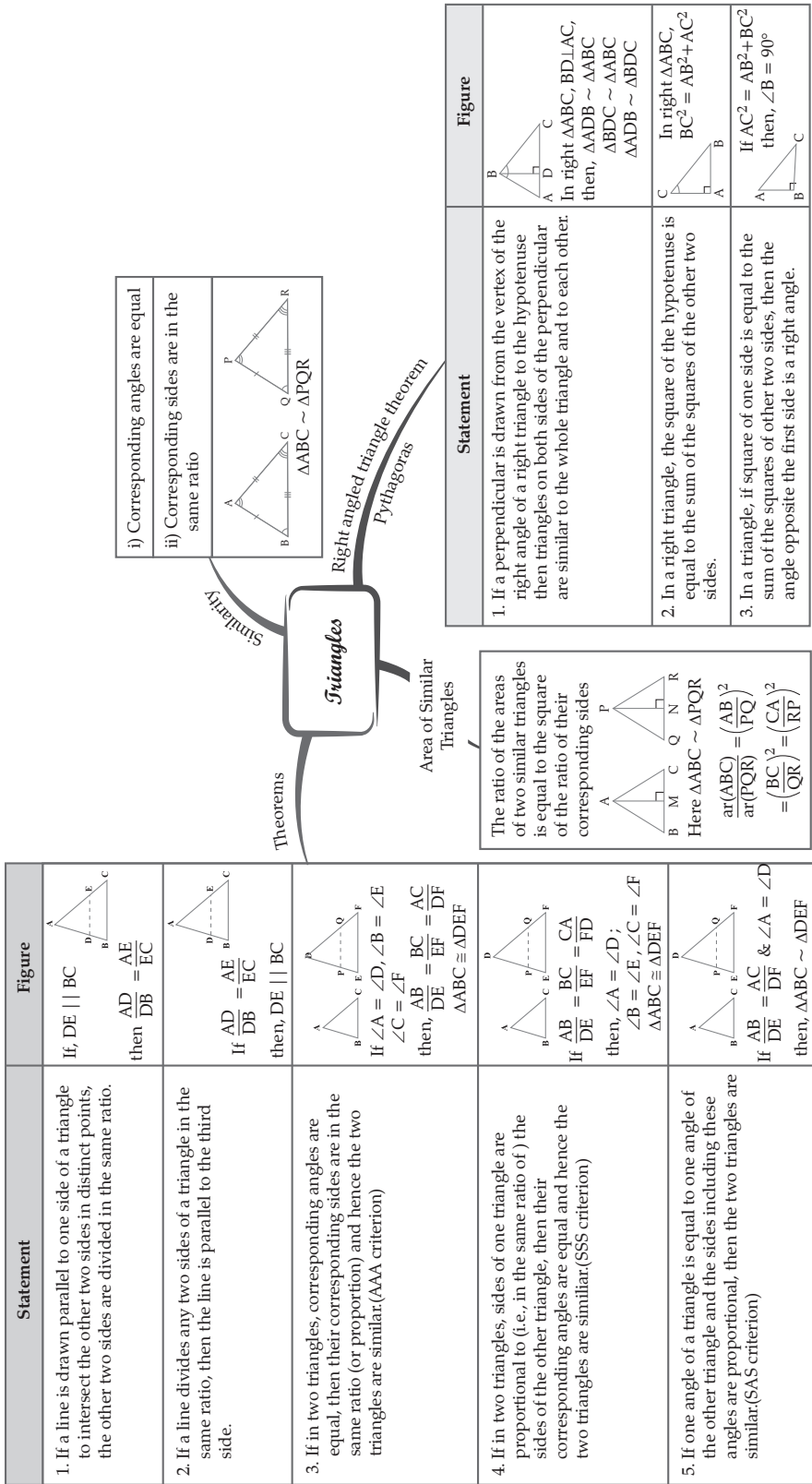
MIND MAP : LEARNING MADE SIMPLE Chapter-4



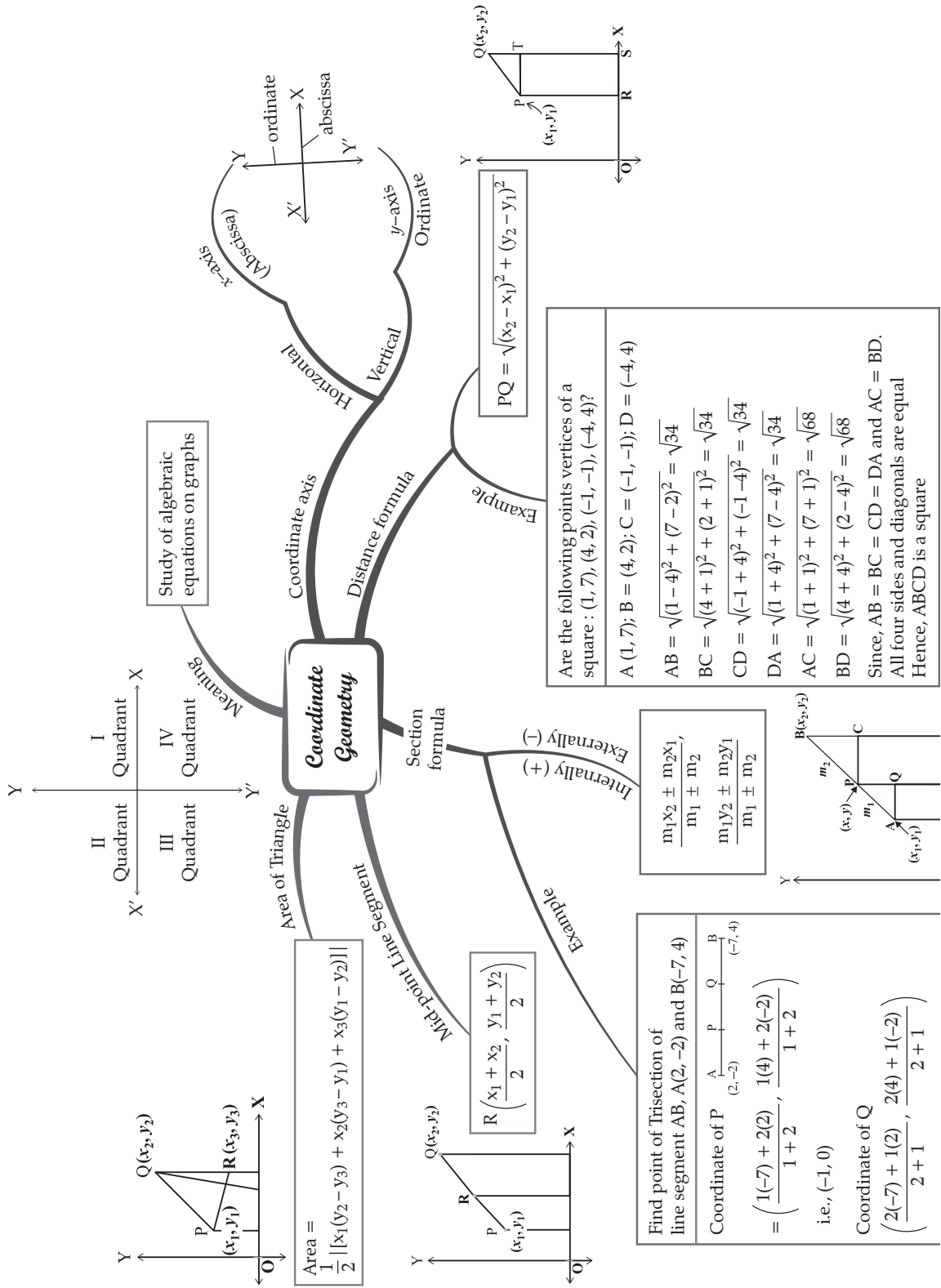
MIND MAP : LEARNING MADE SIMPLE Chapter-5



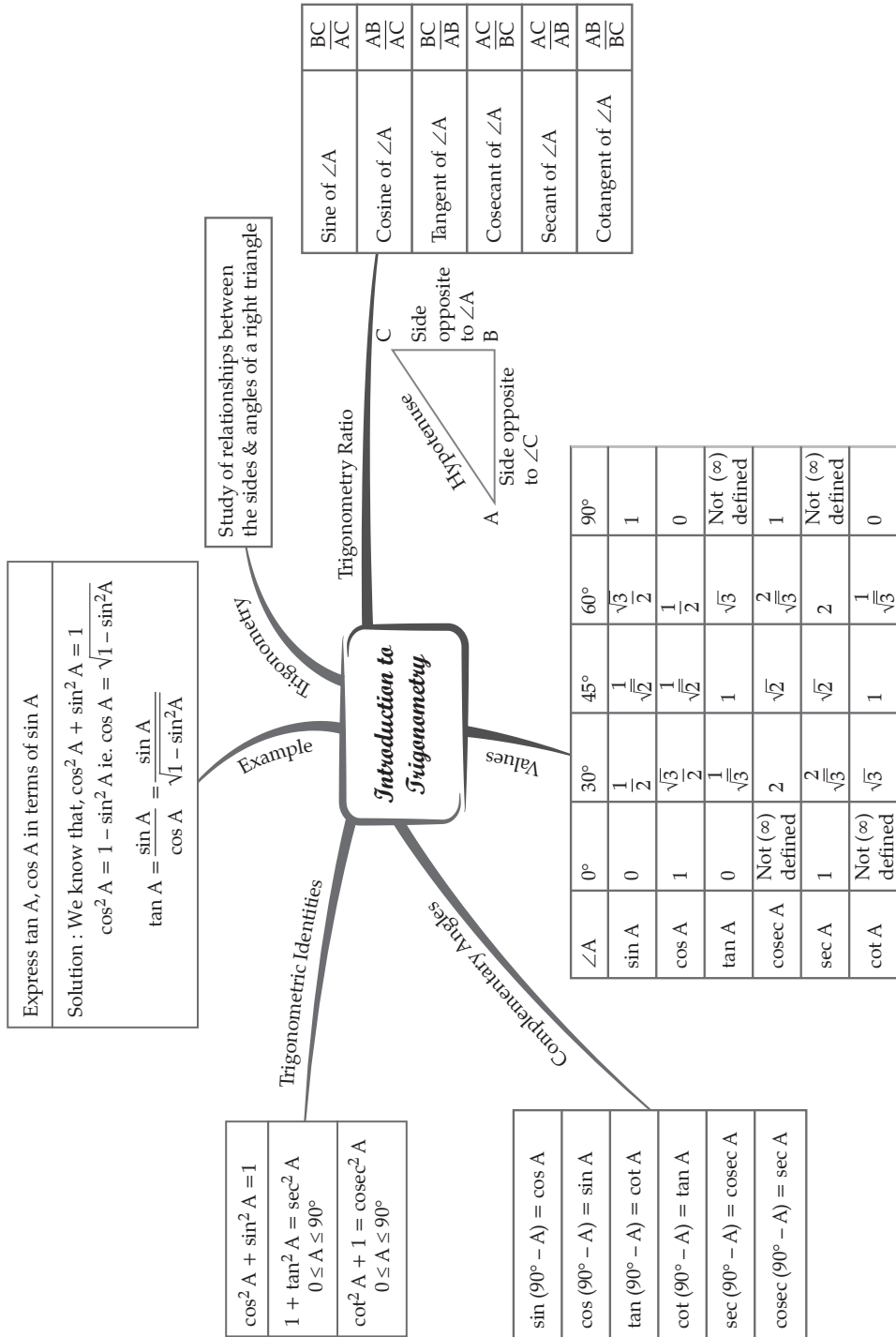
MIND MAP : LEARNING MADE SIMPLE Chapter-6



MIND MAP : LEARNING MADE SIMPLE Chapter-7



MIND MAP : LEARNING MADE SIMPLE Chapter-8



MIND MAP : LEARNING MADE SIMPLE Chapter-9

Determine width AB

From figure, $AB = AD + DB$
 In right $\triangle APD$ $\angle A = 30^\circ$, $\angle D = 90^\circ$
 $\tan 30^\circ = \frac{PD}{AD}$ i.e., $AD = 3\sqrt{3}m$
 In right $\triangle BPD$ $\angle B = 45^\circ$, $\angle D = 90^\circ$
 $\tan 45^\circ = \frac{PD}{BD}$ i.e., $BD = 3m$
 $\therefore AB = (3\sqrt{3} + 3)m = 3(\sqrt{3} + 1)m$

Examples
 Distance

Determine height of object AB

In $\triangle ABC$ $\angle B = 90^\circ$, $\angle C = 60^\circ$
 AR

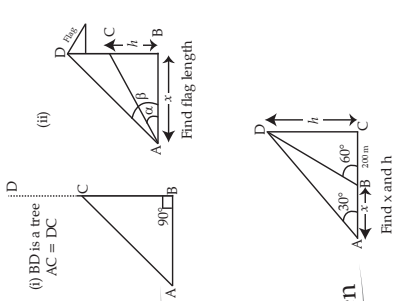
Some Application of Trigonometry

Application - Trigonometric Ratios

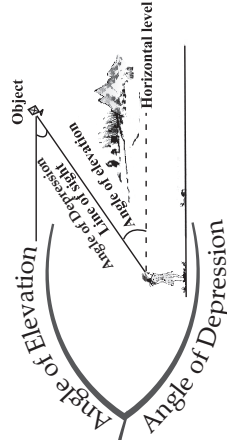
(To determine)

height / length of an object

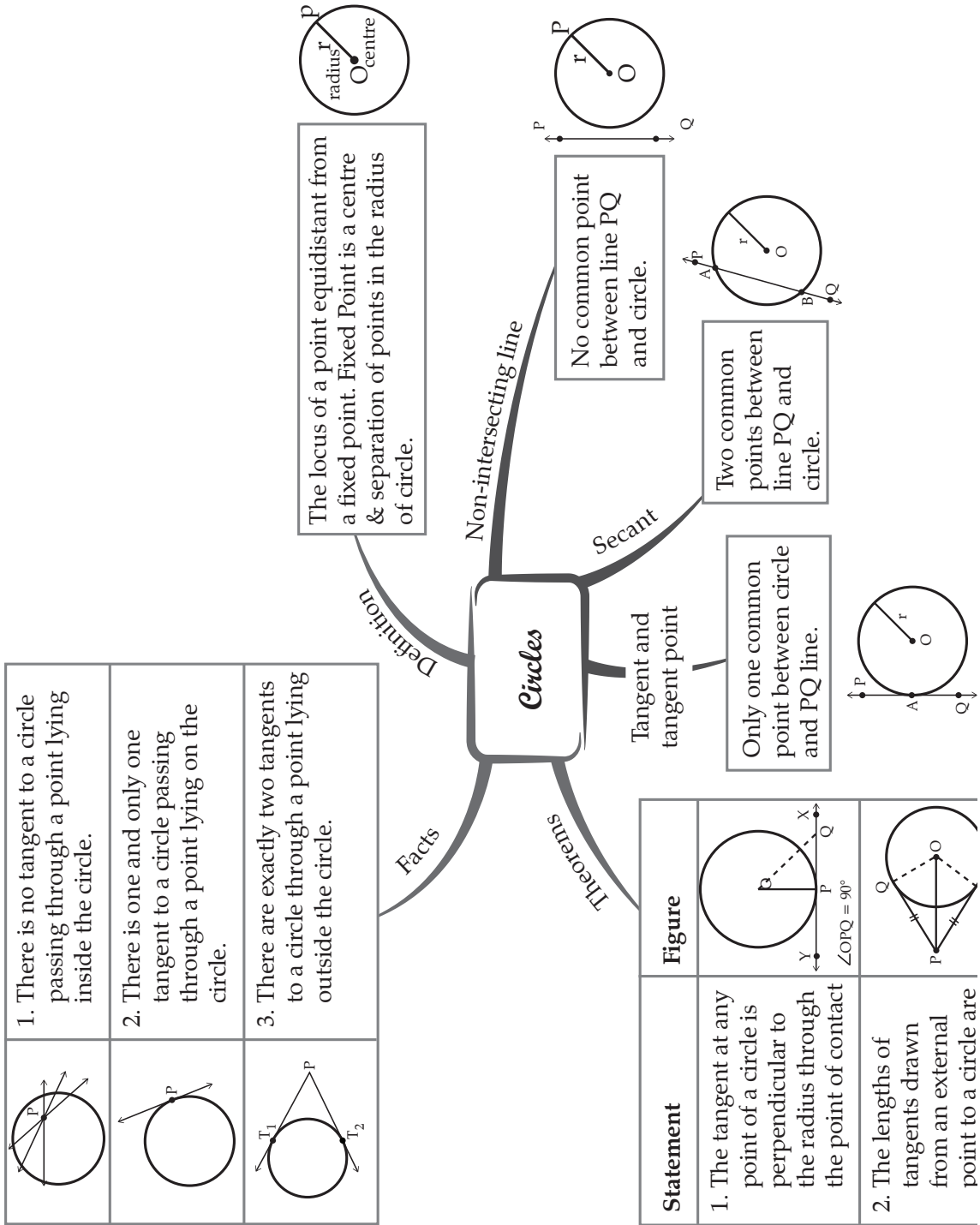
distance between two objects



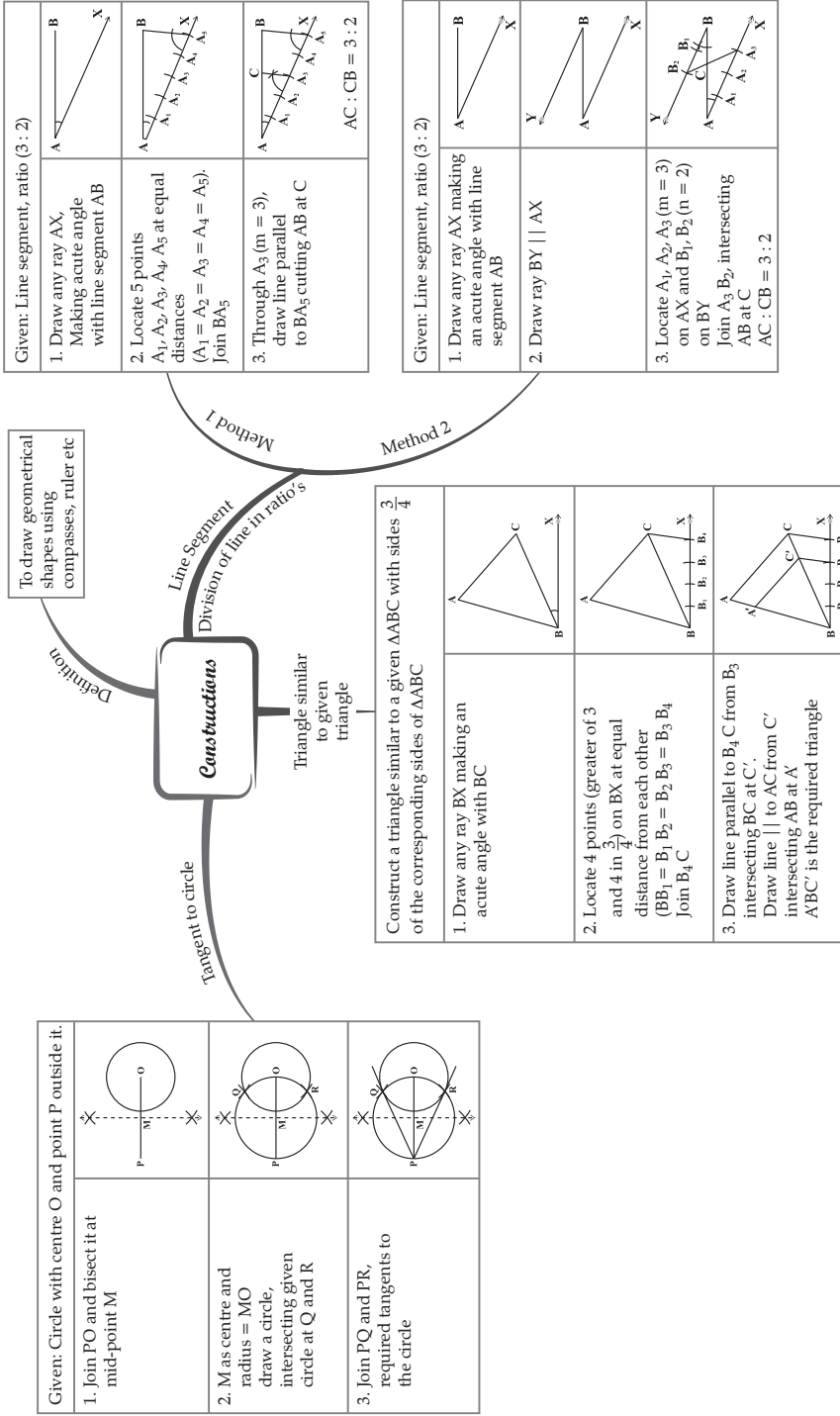
Measuring Angles



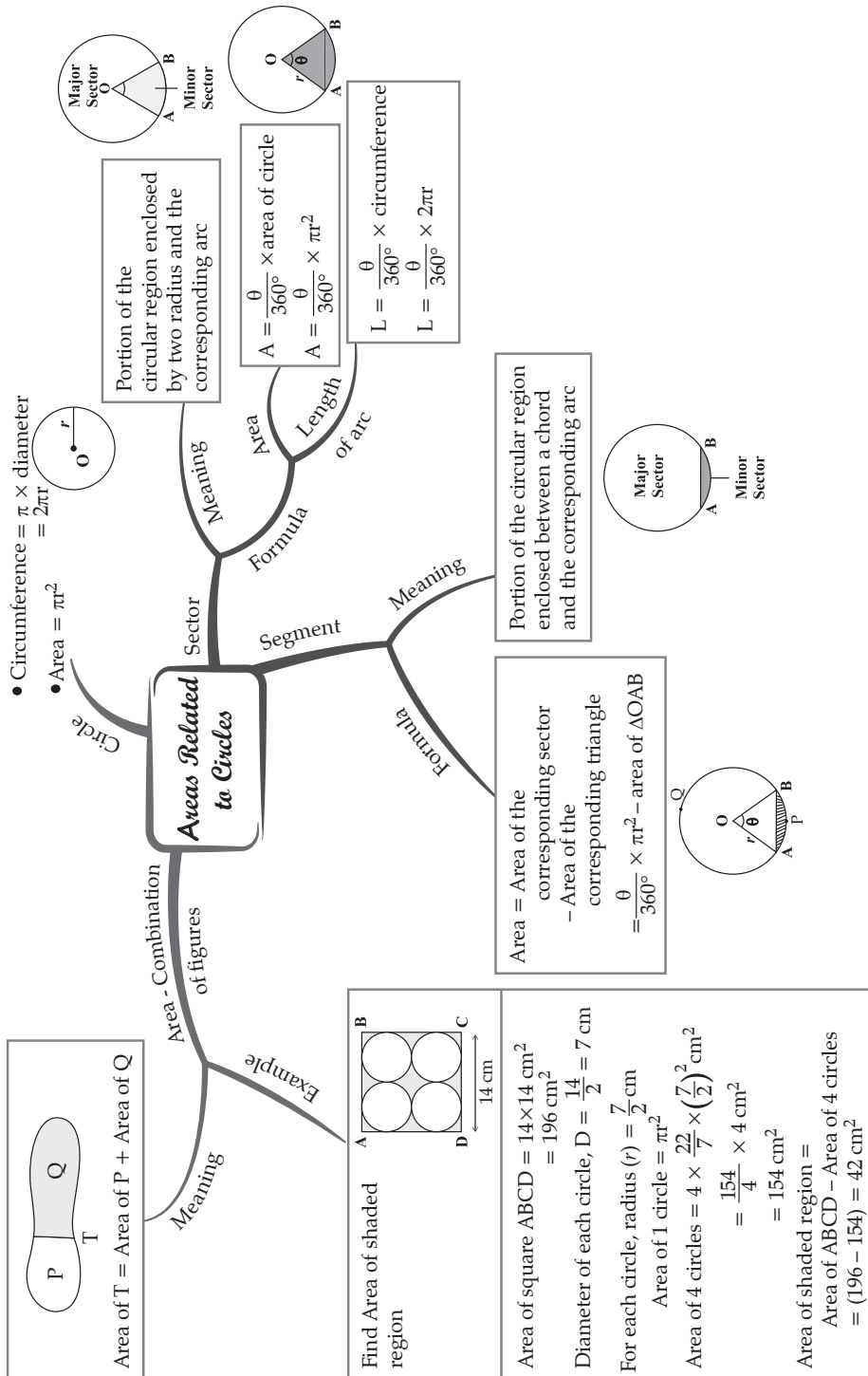
MIND MAP : LEARNING MADE SIMPLE Chapter-10



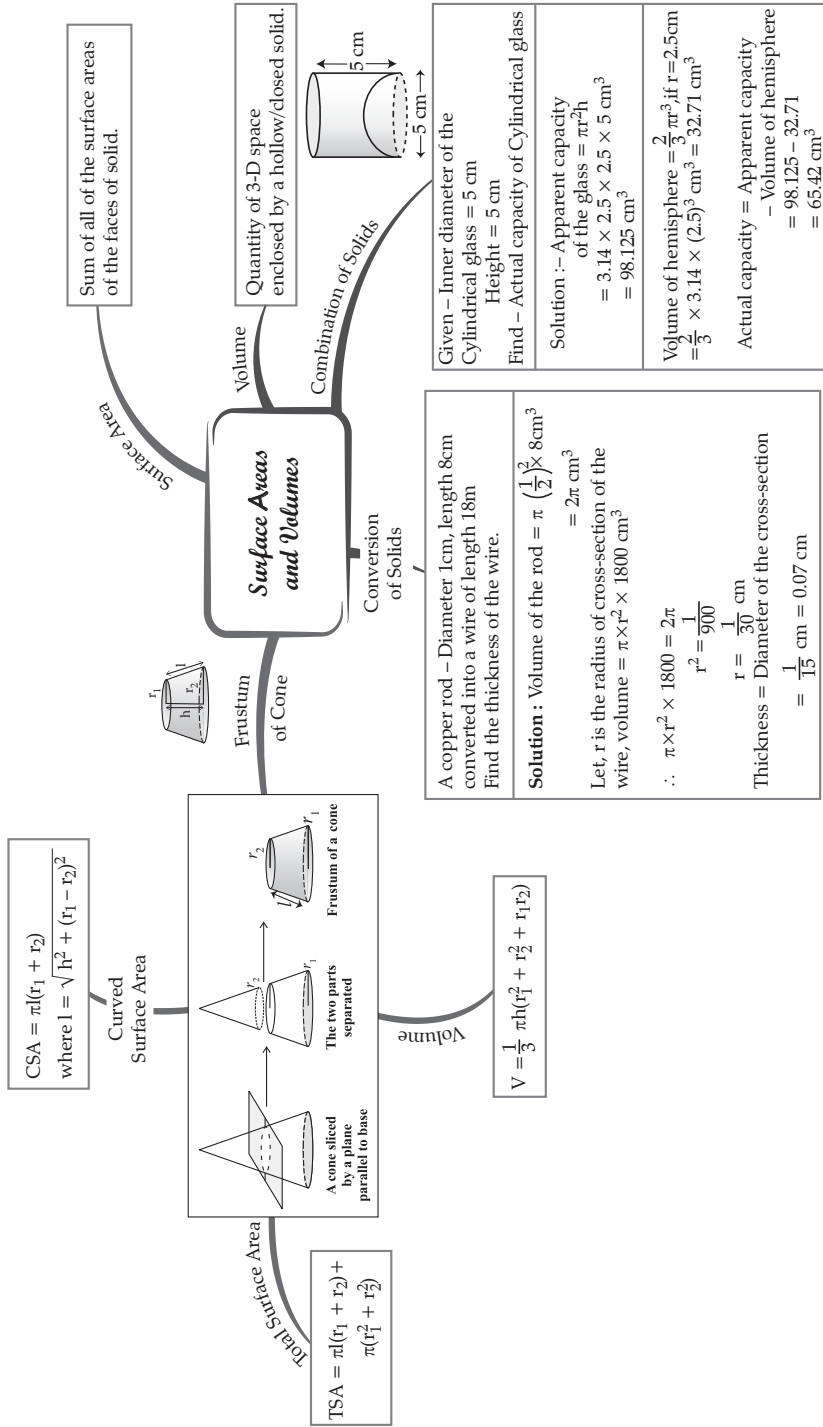
MIND MAP : LEARNING MADE SIMPLE Chapter-11



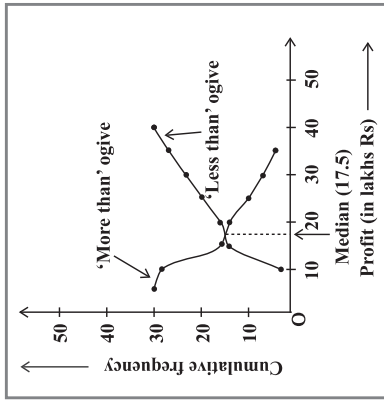
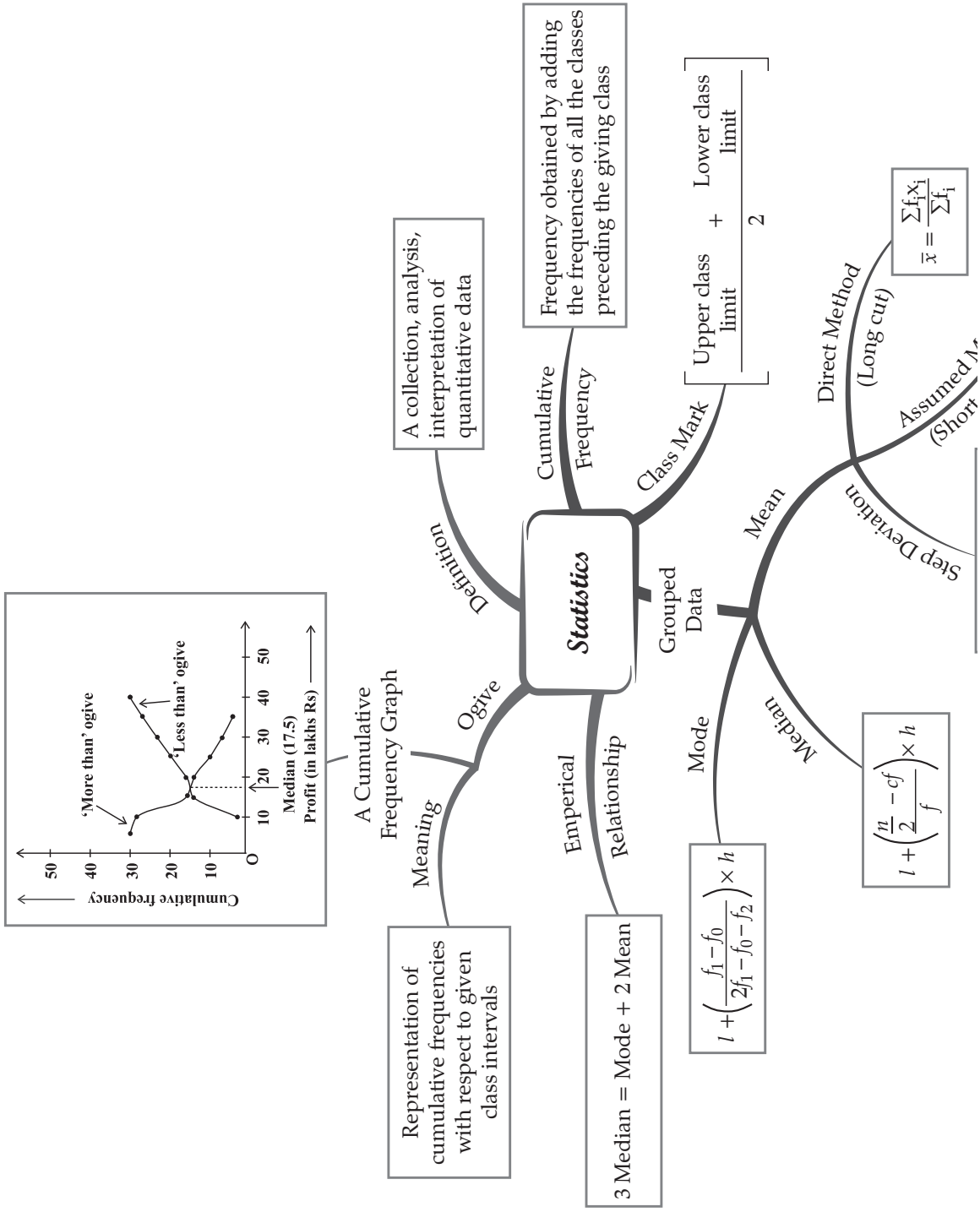
MIND MAP : LEARNING MADE SIMPLE Chapter-12



MIND MAP : LEARNING MADE SIMPLE Chapter-13



MIND MAP : LEARNING MADE SIMPLE Chapter-14



MIND MAP : LEARNING MADE SIMPLE Chapter-15

