

**Chapter 6 Coordinate Geometry**

**Answers**

1.  $AB = 2\sqrt{a^2 + b^2}$
2. (7, 8)
3. Yes
4. Abscissa
5.  $16/5, 23/5$
6. 1 square unit
7.  $b = 5$
8. No.
9.  $m = 7/3$  and  $n = 0$
10. Hint - use coordinates for example (0, 0), (5,0) and (0, 4)