1. -5/3
2. 5/4
3. Quadrant IV
4. Quadrant III
5. -√65/4
6. -√17/9
7. 2√13/13
8. √65/7
9. a=14.32
10. c=21.71
11. B=57°a=29.35 c=53.89
12. A=57.72°B=32.28°c=4.50
13. 15.1°
14. 371.3 feet
15. 3307 feet
16. 19°