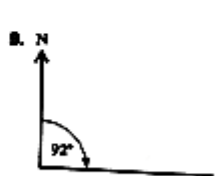
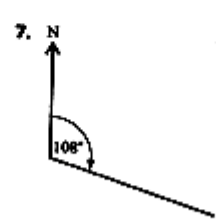
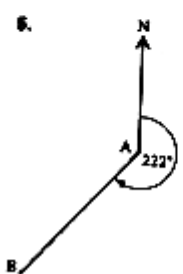
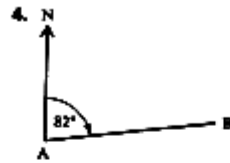
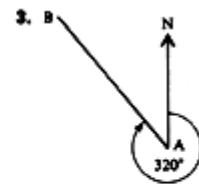
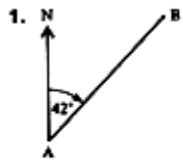


CHAPTER 20 Three Figure Bearings

This chapter gives an opportunity to practise angle calculations and the use of Pythagoras’ Theorem and Trigonometry.

Exercise 20a (p. 342)

Revises three figure bearings.



10. 062°

12. 328°

14. 249°

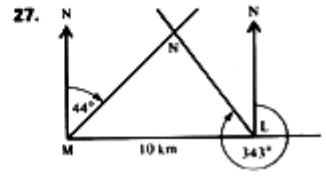
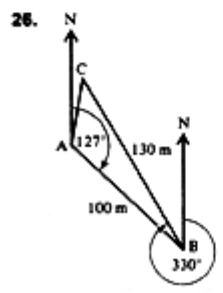
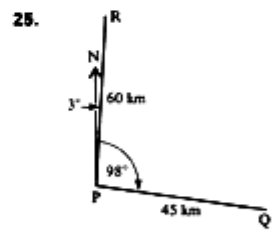
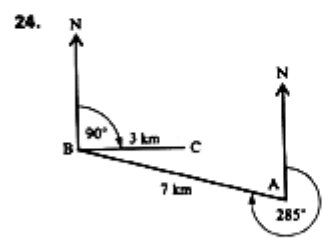
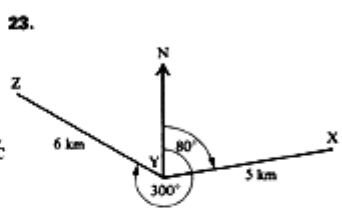
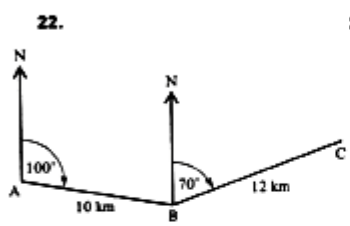
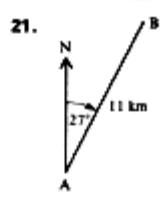
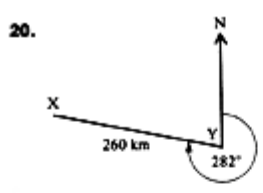
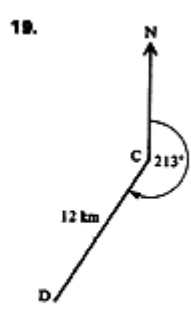
16. 154°

11. 098°

13. 262°

15. 254°

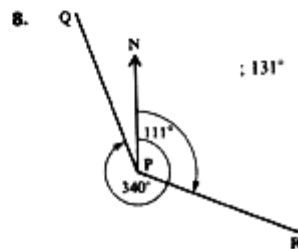
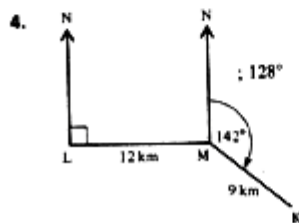
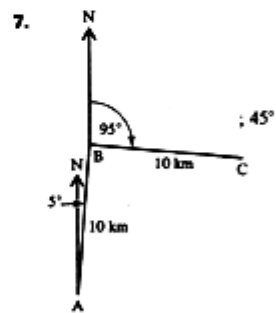
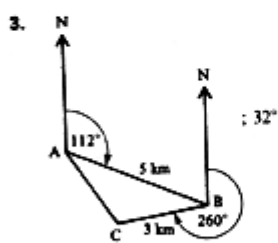
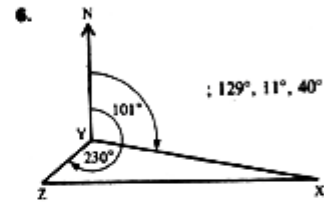
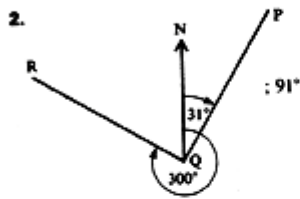
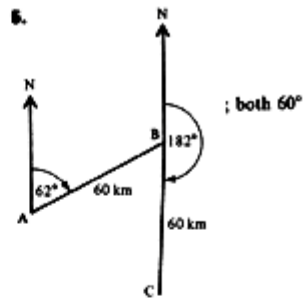
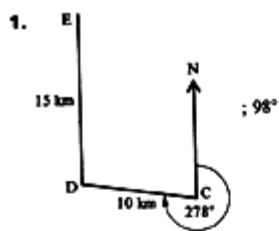
17. 050°



Exercise 20b (p. 346)

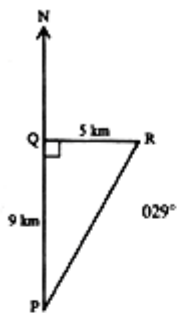
- | | | |
|----------------|----------------|----------------|
| 1. 240° | 3. 342° | 5. 172° |
| 2. 112° | 4. 032° | 6. 305° |

Exercise 20c (p. 347)

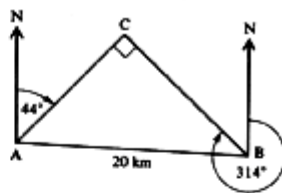


Exercise 20d (p. 348)

20d 1.

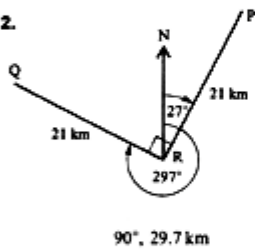


5.

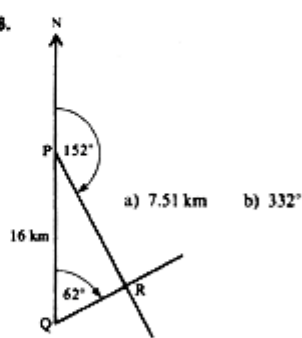


a) $46^\circ, 44^\circ, 90^\circ$ b) 14.4 km

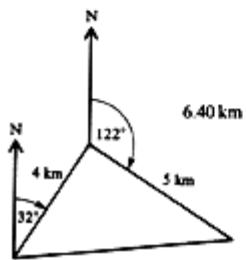
2.



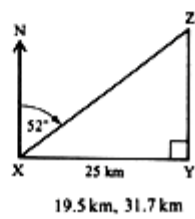
6.



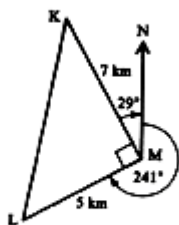
3.



7.



4. a) 5.81km b) 144°



8. a) 54.5° b) 186.5° c) 007°