

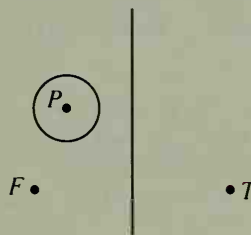
Selected Answers

The answers in this answer section have been written in condensed form. Key steps are given for certain proofs, and abbreviations, such as CPCT for "corresponding parts of congruent triangles are congruent," are used. Check with your teacher regarding the form in which you should give answers in your own work.

Chapter 1

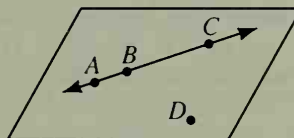
Written Exercises, Pages 3–4

1. X and F , 14 m; X and T , 7 cm, 14 m; Y and F , 9.5 cm; F and T , 24 m
3. **a.** b . See diagram. **c.** none
5. the distance from R to S
7. It is twice the area of the inner square.
9. $ab = cd$



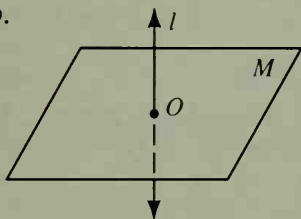
Written Exercises, Pages 7–9

1. True 3. True 5. True 7. True 9. False 11.

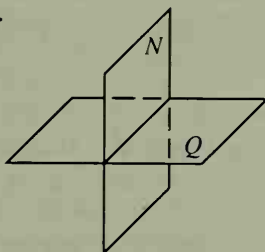


13. VWT , VST , VRS , VWR , $WRST$ 15. \overleftrightarrow{RW} , \overleftrightarrow{RV} , \overleftrightarrow{RS} 17. VRS , VST , $WRST$ 21. $RSGF$ and $FGCB$
23. $ABCD$, $REABF$, $GFBC$ 25. **a.** Yes **b.** No 27. No

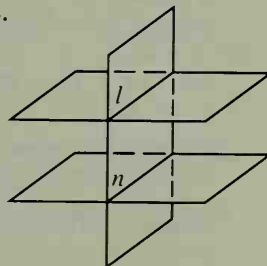
29.



31.



35.



Self-Test 1, Page 10

1. T 2. T 3. V 4. True 5. True 6. False 7.

