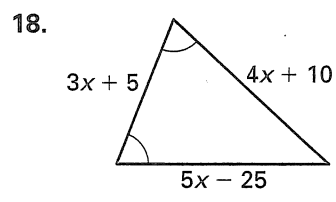
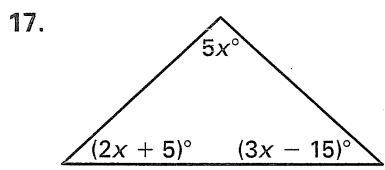
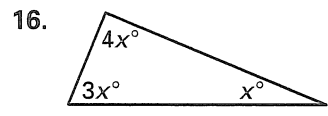
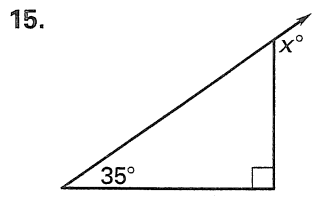


Chapter Test B

For use after Chapter 4

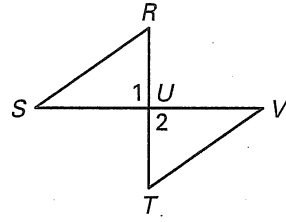


15. _____
 16. _____
 17. _____
 18. _____
 19. Use proof at left.
 20. Use proof at left.

In Exercises 19 and 20, complete the proof.

19. Given: $\overline{RT} \perp \overline{SV}$
 $\overline{RS} \cong \overline{TV}$
 $\overline{RU} \cong \overline{TU}$

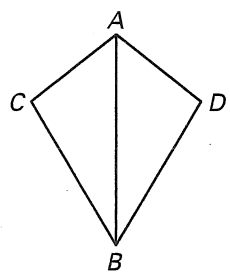
Prove: $\triangle RUS \cong \triangle TUV$



| Statements | Reasons |
|---|----------|
| 1. $\overline{RT} \perp \overline{SV}$ | 1. _____ |
| 2. $\angle 1 + \angle 2$ are right angles | 2. _____ |
| 3. _____ | 3. _____ |
| 4. $\triangle RUS \cong \triangle TUV$ | 4. _____ |

20. Given: $\overline{AC} \cong \overline{AD}$
 $\overline{BC} \cong \overline{BD}$

Prove: $\triangle ACB \cong \triangle ADB$



| Statements | Reasons |
|------------|----------|
| 1. _____ | 1. _____ |
| 2. _____ | 2. _____ |
| 3. _____ | 3. _____ |
| 4. _____ | 4. _____ |

Review and Assess