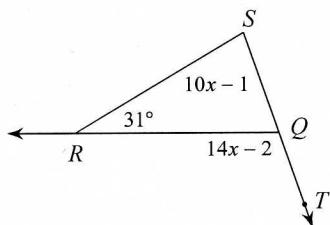


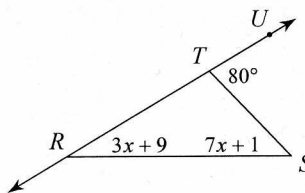
7-3 Triangle Exterior Angle Theorem (ver3)\_hw

Find the measure of the angle indicated.

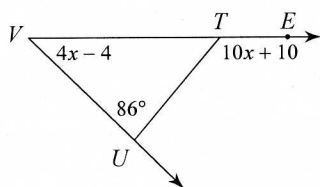
1) Find  $m\angle S$ .



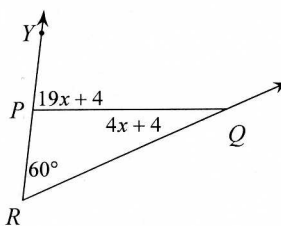
2) Find  $m\angle S$ .



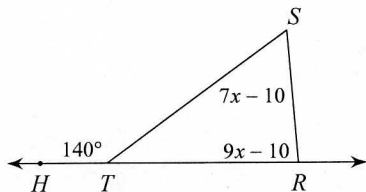
3) Find  $m\angle V$ .



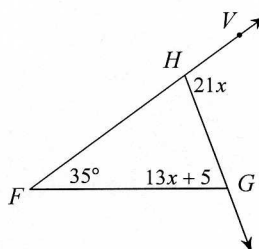
4) Find  $m\angle PQR$ .



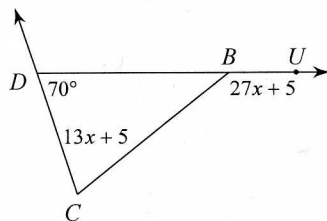
5) Find  $m\angle S$ .



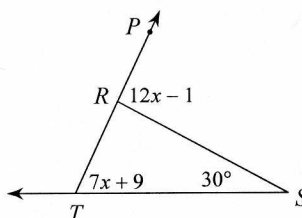
6) Find  $m\angle HGF$ .



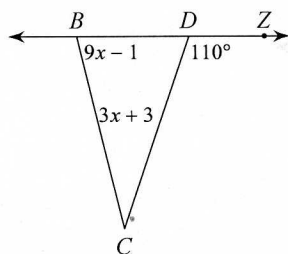
7) Find  $m\angle UBC$ .



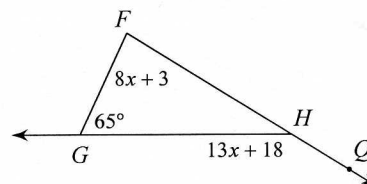
8) Find  $m\angle PRS$ .



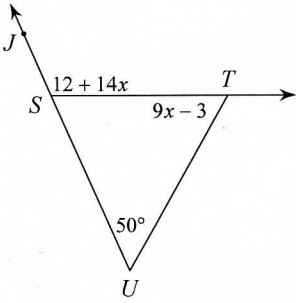
9) Find  $m\angle CBD$ .



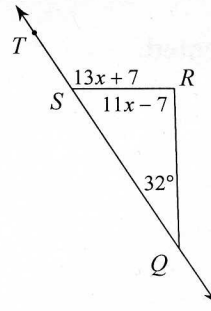
10) Find  $m\angle QHG$ .



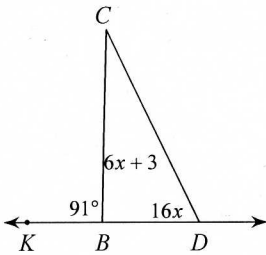
11) Find  $m\angle STU$ .



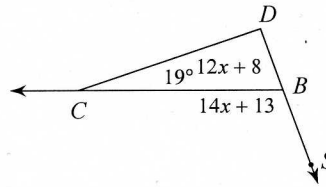
12) Find  $m\angle R$ .



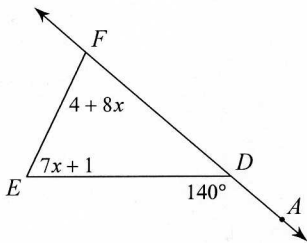
13) Find  $m\angle CDB$ .



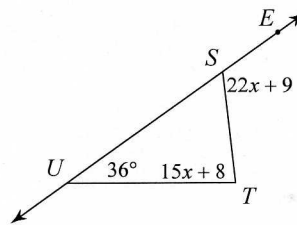
14) Find  $m\angle SBC$ .



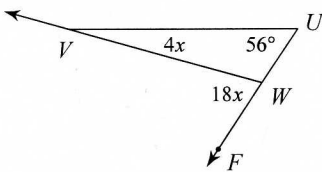
15) Find  $m\angle E$ .



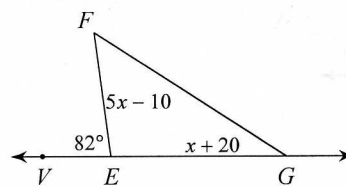
16) Find  $m\angle T$ .



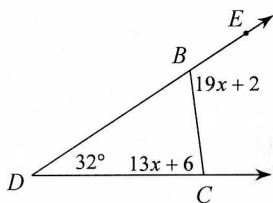
17) Find  $m\angle FWV$ .



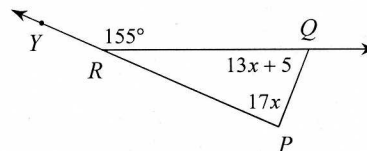
18) Find  $m\angle F$ .



19) Find  $m\angle BCD$ .



20) Find  $m\angle P$ .



Answers to 7-3 Triangle Exterior Angle Theorem (ver3)\_hw

- 4) 20°
- 8) 95°
- 12) 92°
- 16) 83°
- 20) 85°

- 3) 44°
- 7) 140°
- 11) 60°
- 15) 64°
- 19) 84°

- 2) 50°
- 6) 70°
- 10) 148°
- 14) 111°
- 18) 50°

- 1) 79°
- 5) 60°
- 9) 80°
- 13) 64°
- 17) 72°