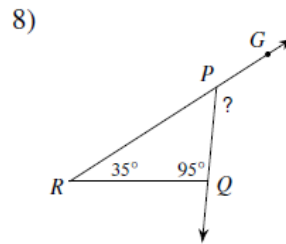
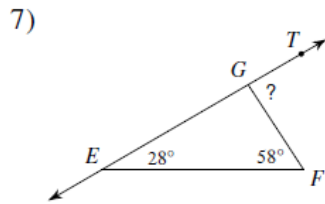
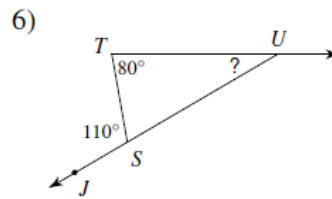
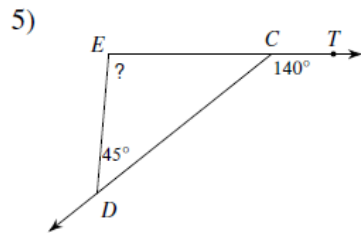
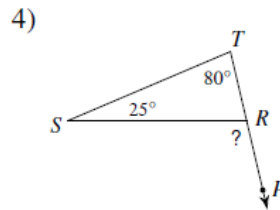
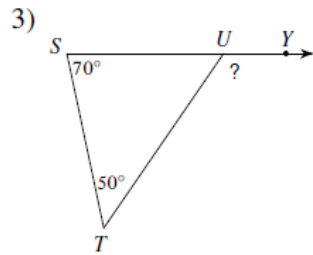
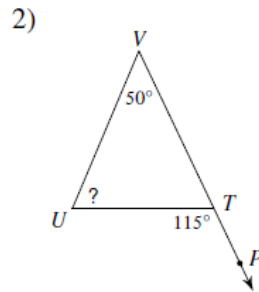
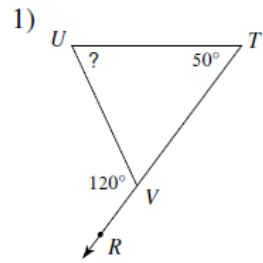
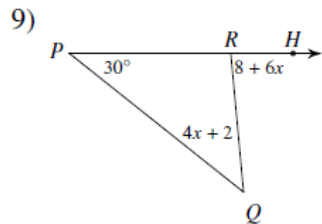


# The Exterior Angle Theorem

Find the measure of each angle indicated.



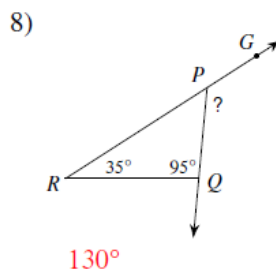
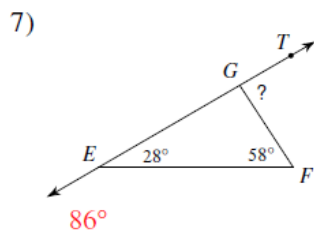
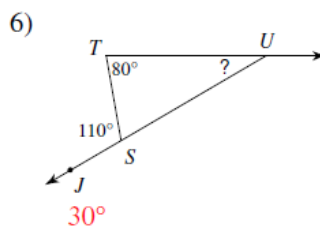
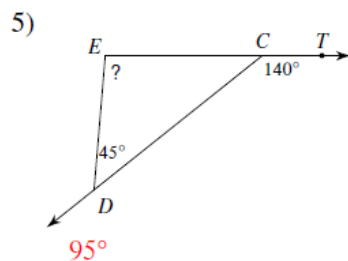
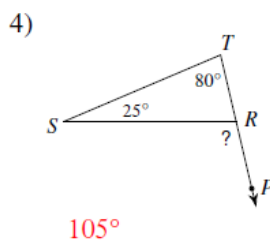
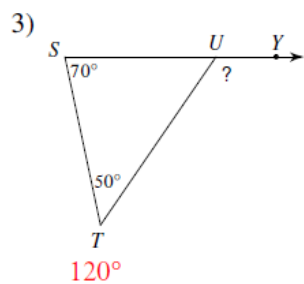
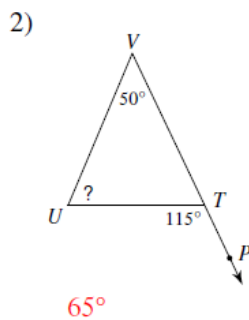
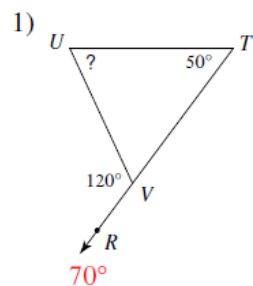
Solve for  $x$ .



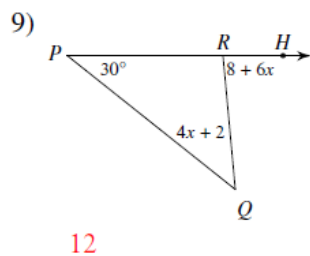
## Answers

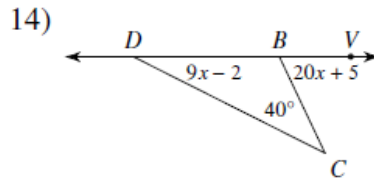
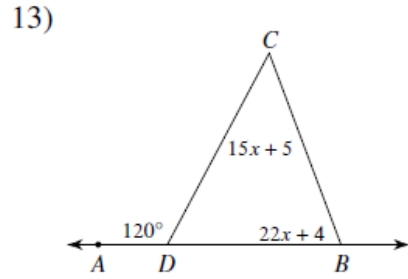
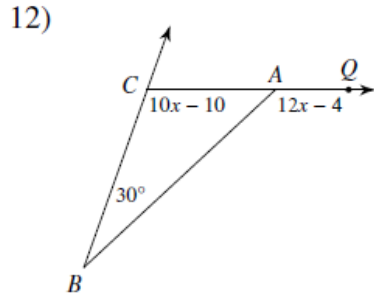
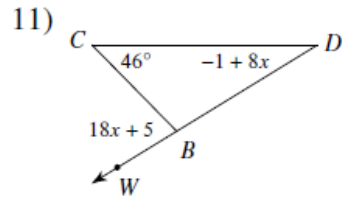
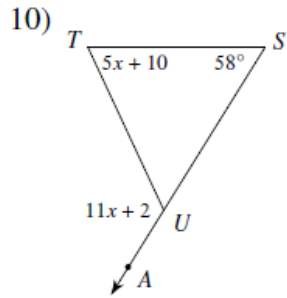
### The Exterior Angle Theorem

Find the measure of each angle indicated.



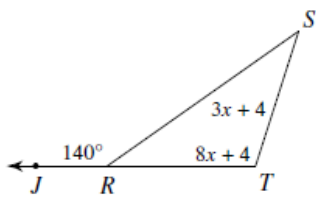
Solve for  $x$ .



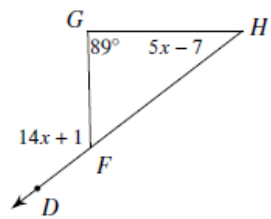


Find the measure of the angle indicated.

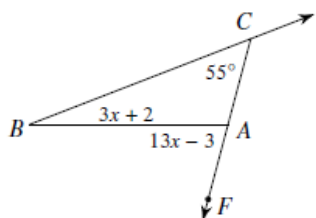
15) Find  $m\angle S$ .



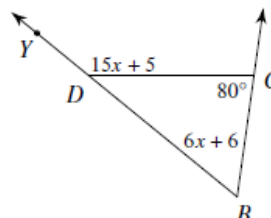
16) Find  $m\angle H$ .



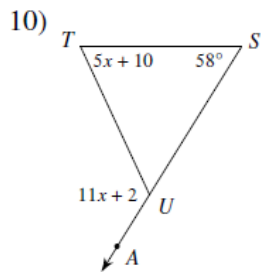
17) Find  $m\angle FAB$ .



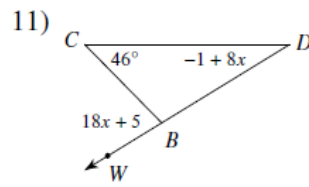
18) Find  $m\angle YDC$ .



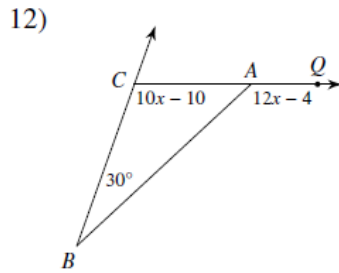
## Answers



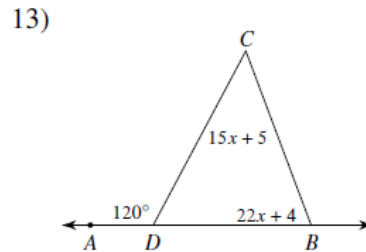
11



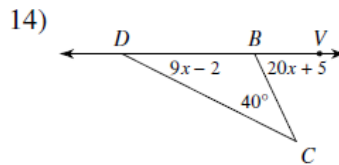
4



12



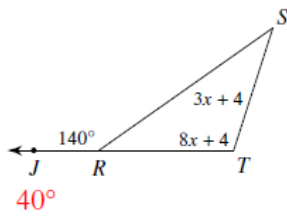
3



3

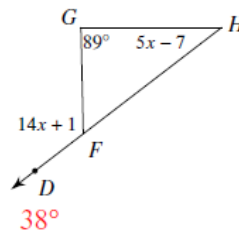
Find the measure of the angle indicated.

15) Find  $m\angle S$ .



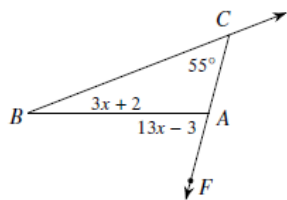
40°

16) Find  $m\angle H$ .



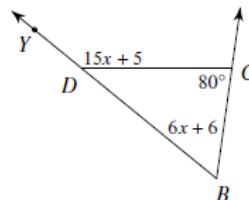
38°

17) Find  $m\angle FAB$ .



75°

18) Find  $m\angle YDC$ .



140°