

Exterior Angle Theorem

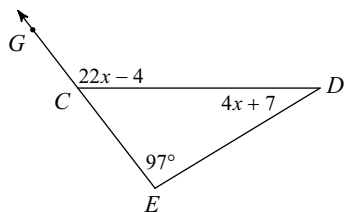
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Name _____

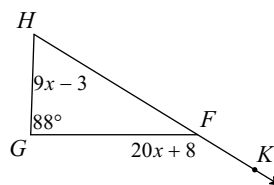
Date _____

Solve for x .

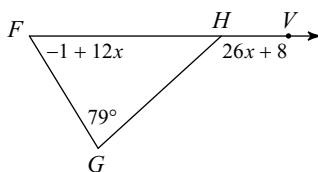
1)



2)



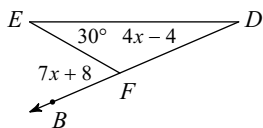
3)



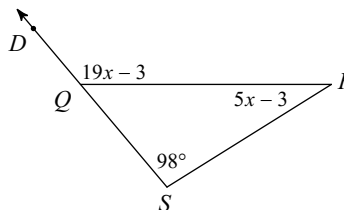
4)



5)

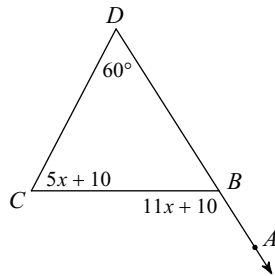


6)

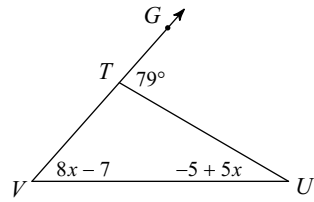


Find the measure of the angle indicated.

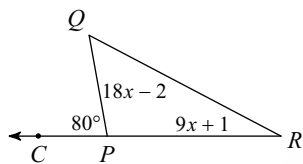
7) Find $m\angle ABC$.



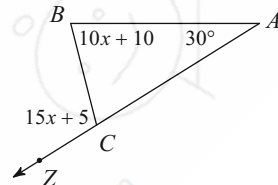
8) Find $m\angle V$.



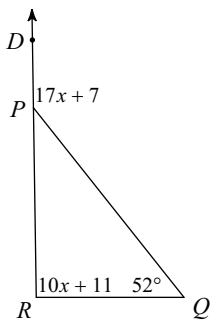
9) Find $m\angle R$.



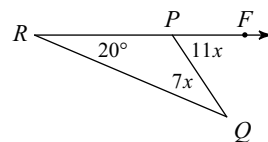
10) Find $m\angle B$.



11) Find $m\angle DPQ$.



12) Find $m\angle Q$.



Answers to Exterior Angle Theorem

1) 6
5) 6
9) 28°

2) 7
6) 7
10) 80°

3) 5
7) 120°
11) 143°

4) 11
8) 49°
12) 35°

