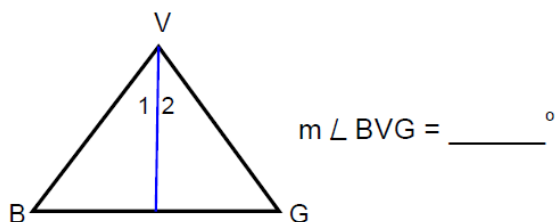




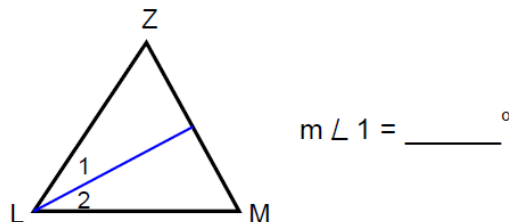
Angular bisector of Triangle

Each triangle has one of its angle bisectors drawn.

- 1) Find $m\angle BVG^\circ$. If, $m\angle 1 = 27^\circ$

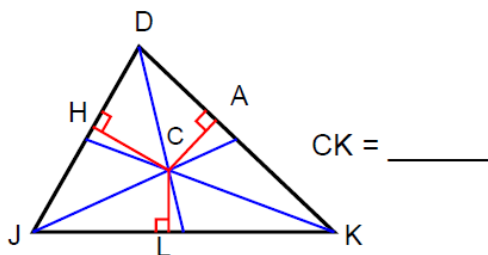


- 2) $m\angle ZLM = 48^\circ$. Find $m\angle 1$.

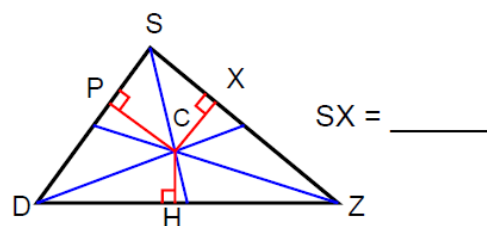


Each triangle shows its three angle bisectors intersecting at point C.

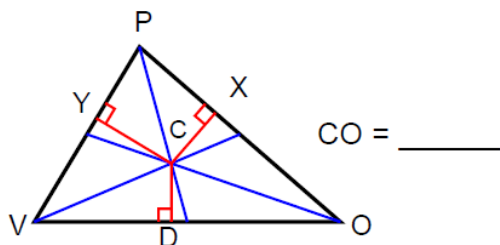
- 3) $LK = 12$ and $CL = 8$. Find CK .



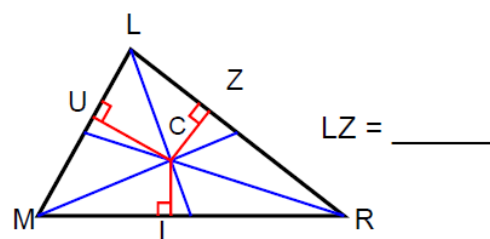
- 4) $CX = 5$ and $CS = 14$. Find SX .



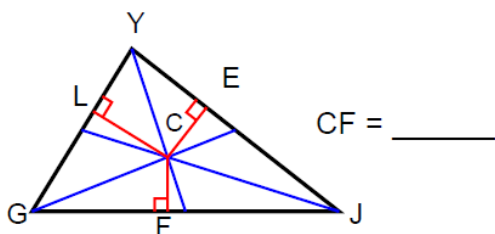
- 5) $DO = 17$ and $CD = 8$. Find CO .



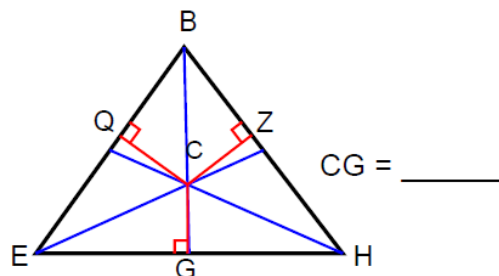
- 6) $CZ = 3$ and $CL = 13$. Find LZ .



- 7) $CE = 9$. Find CF .



- 8) $CZ = 15$. Find CG .





EdKonnnect Academy
High Quality Online Tutoring

Answers

1. 54
2. 24
3. $4\sqrt{13}$
4. $\sqrt{171}$
5. 15
6. $4\sqrt{10}$
7. 9
8. 15