

Name:

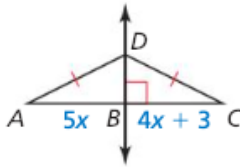
Date:

Hour:

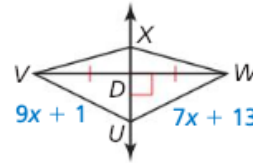
Geometry
WS PC #1 Review (6.1 – 6.6)

Find the indicated measure.

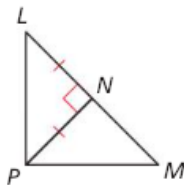
1. AB



2. UV

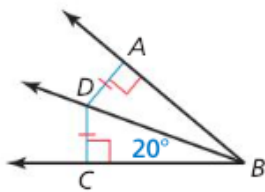


3. Tell whether the information in the diagram allows you to conclude point P lies on the perpendicular bisector of \overline{LM} .

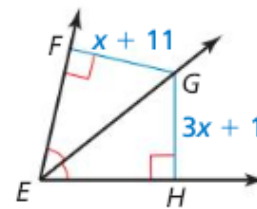


Find the indicated measure.

4. $m\angle ABD$



5. FG



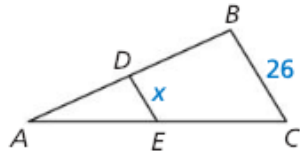
6. Write an equation of the perpendicular bisector of the segment with the given endpoints.

a. $M(1, 5), N(7, -1)$

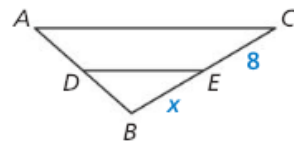
b. $Y(10, -7), Z(-4, 1)$

7. \overline{DE} is a midsegment of $\triangle ABC$. Find the value of x .

a.



b.



8. Describe the possible lengths of the third side of the triangle with the given lengths of the other two sides.

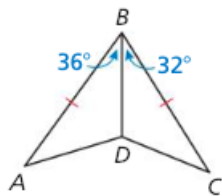
a. 2 feet, 40 inches

b. 25 meters, 25 meters

9. Is it possible to construct a triangle with side lengths 24, 26, 32?

Copy and complete the statement with $<$, $>$, or $=$.

10. AD _____ CD



11. $m\angle 1$ _____ $m\angle 2$

