Geometry

6.1 Perpendicular and Angle Bisectors

Perpendicular Bisector	
Segment that is to and a	<u> </u>
Perpendicular Bisector Theorem	
If a point is on the of a segment, then it is from from the segment	om the
Converse of the Perpendicular Bisector Theorem	
If a point is from the of a segment, then it is on the	of the
segment	
In the diagram, \overline{IK} is the perpendicular bisector of \overline{NL} .	
Find NK.	
8/	6x-5
M	JK
8	4x+1
Explain why M is on \overline{JK} .	
	\wedge
Angle Bisector	
Angle Bisector	
Angle Bisector Ray that an Angle Bisector Theorem	
Angle Bisector Ray that an Angle Bisector Theorem If a is on the, then it is from the	_ of the angle
Angle Bisector Ray that an Angle Bisector Theorem If a is on the, then it is from the	_ of the angle
Angle Bisector Ray that an Angle Bisector Theorem If a is on the, then it is from the	of the angle
Angle Bisector Ray that an Angle Bisector Theorem If a is on the, then it is from the Converse of the Angle Bisector Theorem If a is from the of an angle, then it is on the	_ of the angle
Angle Bisector Ray that an Angle Bisector Theorem If a is on the, then it is from the Converse of the Angle Bisector Theorem If a is from the of an angle, then it is on the	_ of the angle
Angle Bisector Ray that an Angle Bisector Theorem If a is on the, then it is from the Converse of the Angle Bisector Theorem If a is from the of an angle, then it is on the Find the value of x.	_ of the angle
Angle Bisector Ray that an Angle Bisector Theorem If a is on the, then it is from the Converse of the Angle Bisector Theorem If a is from the of an angle, then it is on the Find the value of x.	of the angle
Angle Bisector Ray that an Angle Bisector Theorem If a is on the, then it is from the Converse of the Angle Bisector Theorem If a is from the of an angle, then it is on the Find the value of x.	_ of the angle
Angle Bisector Ray that an Angle Bisector Theorem If a is on the, then it is from the Converse of the Angle Bisector Theorem If a is from the of an angle, then it is on the Find the value of x.	
Angle Bisector Ray that an Angle Bisector Theorem If a is on the, then it is from the Converse of the Angle Bisector Theorem If a is from the of an angle, then it is on the Find the value of x. $\sqrt[3x + 5]^{\circ}$ $\sqrt[3x + 5]^{\circ}$	_ of the angle
Angle Bisector Ray that an Angle Bisector Theorem If a is on the, then it is from the Converse of the Angle Bisector Theorem If a is from the of an angle, then it is on the Find the value of x.	of the angle

Name: ___

Geometry 6.1 Do you have enough information to conclude that \overrightarrow{QS} bisects $\angle PQR$?

R

Write Equations of Perpendicular Bisectors						
1.	Find					
2.	Find					
3.	Find	slope				
4.	Write	using	from #3 and	from #1		

Write the perpendicular bisector of a segment with endpoints D(5, -1) and E(-11, 3)

Assignment: 296 #2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 38, 40, 43 = 15 total