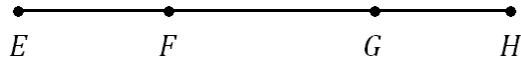


1

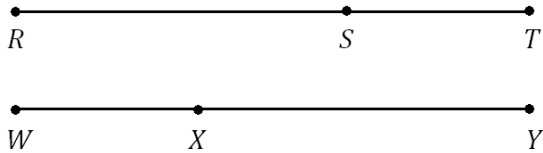


Given: $EF = GH$
Prove: $EG = FH$

1. $EF = GH$
2. $FG = FG$
3. $EF + FG = GH + FG$
4. $EF + FG = EG$;
 $GH + FG = FH$
5. $EG = FH$

1. _____
2. _____
3. _____
4. _____
5. _____

2

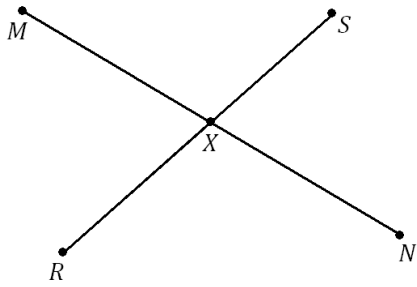


Given: $RT = WY$; $ST = WX$
Prove: $RS = XY$

1. $RT = WY$
2. $RT = RS + ST$;
 $WY = WX + XY$
3. $RS + ST = WX + XY$
4. $ST = WX$
5. $RS = XY$

1. _____
2. _____
3. _____
4. _____
5. _____

3



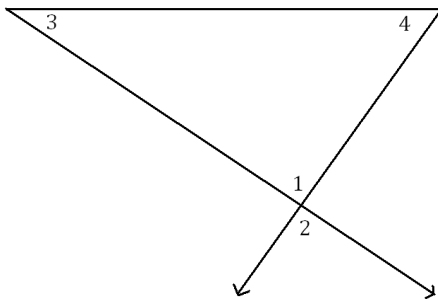
Given: X is the midpoint of \overline{MN} ;
 $MX = RX$

Prove: $XN = RX$

1. X is the midpoint of \overline{MN}
2. $MX = XN$
3. $MX = RX$
4. $XN = RX$

1. _____
2. _____
3. _____
4. _____

4



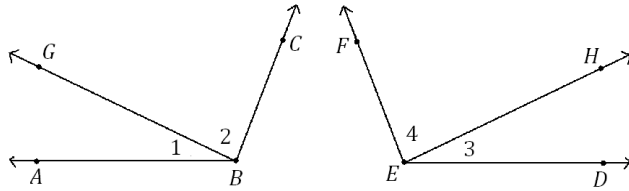
Given: $\sphericalangle 1 \cong \sphericalangle 4$

Prove: $\sphericalangle 2 \cong \sphericalangle 4$

1. $\sphericalangle 1 \cong \sphericalangle 4$
2. $\sphericalangle 1 \cong \sphericalangle 2$
3. $\sphericalangle 2 \cong \sphericalangle 4$

1. _____
2. _____
3. _____

5



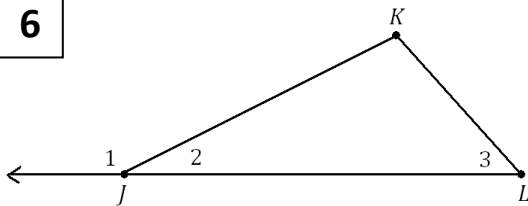
Given: $m\angle 1 = m\angle 3$;
 $m\angle 2 = m\angle 4$

Prove: $m\angle ABC = m\angle DEF$

1. $m\angle 1 = m\angle 3$;
 $m\angle 2 = m\angle 4$
2. $m\angle 1 + m\angle 2 = m\angle 3 + m\angle 4$
3. $m\angle 1 + m\angle 2 = m\angle ABC$;
 $m\angle 3 + m\angle 4 = m\angle DEF$
4. $m\angle ABC = m\angle DEF$

1. _____
2. _____
3. _____
4. _____

6



Given: $m\angle 1 + m\angle 3 = 180$

Prove: $m\angle 2 = m\angle 3$

1. $m\angle 1 + m\angle 3 = 180$
2. $m\angle 1 + m\angle 2 = 180$
3. $m\angle 1 + m\angle 2 = m\angle 1 + m\angle 3$
4. $m\angle 1 = m\angle 1$
5. $m\angle 2 = m\angle 3$

1. _____
2. _____
3. _____
4. _____
5. _____