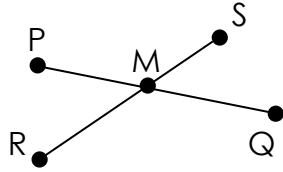


WORKSHEET 2.7 Geometry Proofs (Segments) (PAP)

Complete the two column proofs.

1.

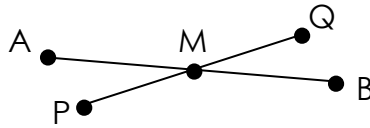
Given: $\overline{PM} \cong \overline{MS}$
 \overline{RS} bisects \overline{PQ}
Prove: $\overline{MS} \cong \overline{MQ}$



Statement	Reason
1. $\overline{PM} \cong \overline{MS}$	1.
2. \overline{RS} bisects \overline{PQ}	2.
3. $PM = MS$	3.
4. $PM = MQ$	4.
5. $MS = MQ$	5.
6. $\overline{MS} \cong \overline{MQ}$	6.

2.

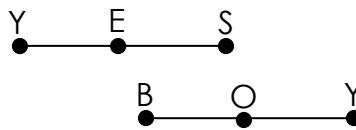
Given: $MB = MQ$
Prove: $AB = AM + MQ$



Statement	Reason
1.	1. Given
2.	2.
3.	3.
4.	4.

3.

Given: E is midpt of \overline{YS}
 O is midpt of \overline{BY}
 $YE = BO$
Prove: $ES = OY$



Statement	Reason
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.