Using Geometry Definitions in Proofs

Term	Definition	What it Gets You
Midpoint		
Median		
Segment Bisector		
Angle Bisector		
Parallel Lines		
Perpendicular Lines		
Altitude		
Perpendicular Bisector		

1.
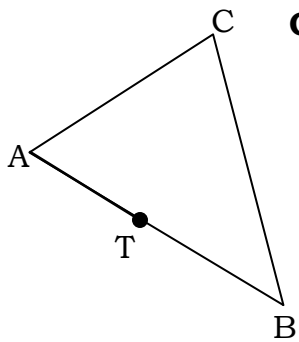
Given: T is the midpoint of $\overline{AB}$

Statements	Reasons

2.

S

Q

P

R
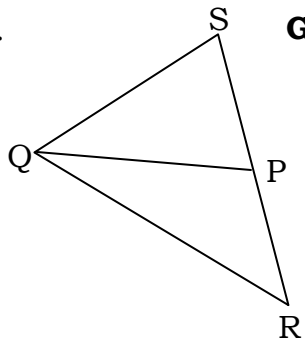
Given: $\overline{QP}$ is a median to $\overline{RS}$

Statements	Reasons

3.

O   N

S

P   G
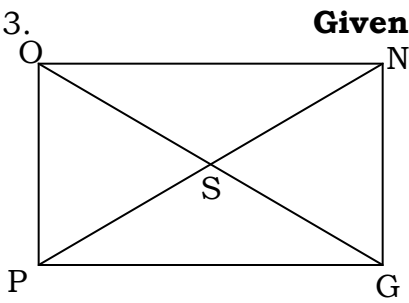
Given: $\overline{PN}$ bisects $\overline{GO}$ at S

Statements	Reasons

4.

B

A

D

C
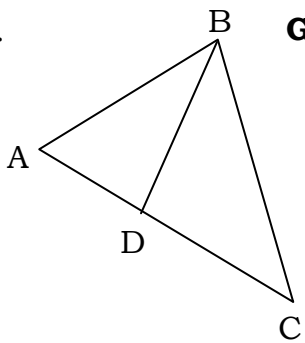
Given: $\overline{BD}$ is bisects $\angle ABC$

Statements	Reasons

5.

W

Z

X

Y

Given: $\overline{WZ} \parallel \overline{XY}$

Statements	Reasons

6.

B

A

D

C
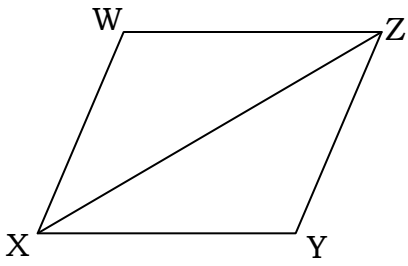
Given: $\overline{BD} \perp \overline{AC}$

Statements	Reasons

6.

T

O

S

P
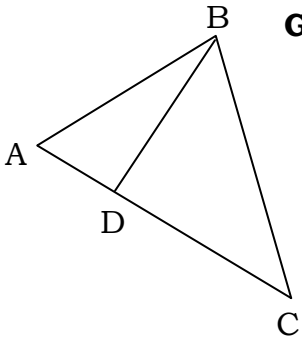
Given: $\overline{TS}$ is an altitude to $\overline{OP}$

Statements	Reasons