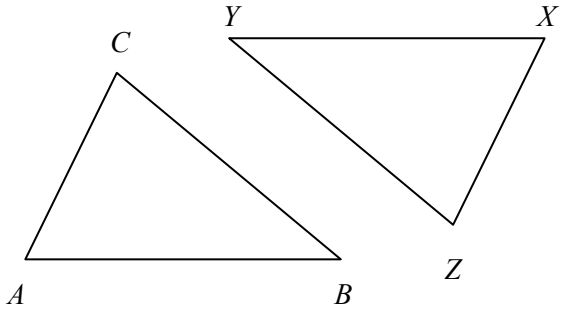
Tutor-USA.com Worksheet
Geometry
Congruent Figures

Name: _____
Date: _____

The triangles are congruent. Complete.



1) $\Delta ABC \cong$ _____

2) $\angle A \cong$ _____

3) $m\angle B \cong$ _____

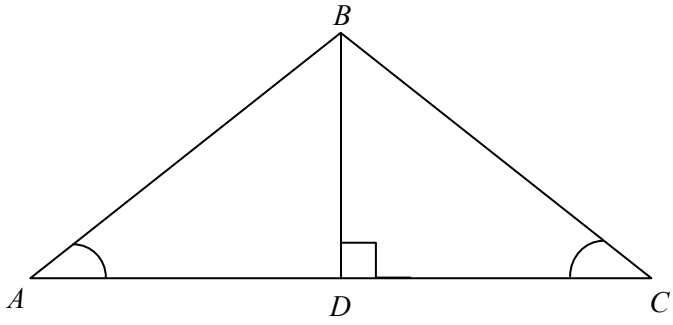
4) $\overline{AB} \cong$ _____

5) $AC =$ _____

6) $\Delta ACB \cong$ _____

7) $\Delta CAB \cong$ _____

The triangles are congruent. Complete.



8) $\Delta ABD \cong$ _____

9) $\overline{CB} \cong$ _____

10) $\angle CBD \cong$ _____

11) $\angle BAD \cong$ _____

12) $\Delta DAB \cong$ _____

13) $\overline{BD} \cong$ _____

14) What property allows us to conclude the answer in #13?

Answer Key

1) $\Delta ABC \cong \Delta XYZ$
2) $\angle X$
3) $m\angle Y$
4) $\overline{XY}$
5) XY
6) $\Delta ACB \cong \Delta XZY$
7) $\Delta CAB \cong \Delta ZXY$
8) $\Delta ABD \cong \Delta CBD$
9) $\overline{AB}$
10) $\angle ABD$
11) $\angle BCD$
12) $\Delta DAB \cong DCB$
13) $\overline{BD} \cong \overline{BD}$
14) Reflexive Property

