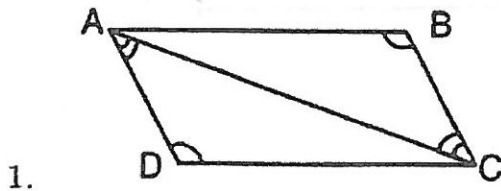


Name: _____

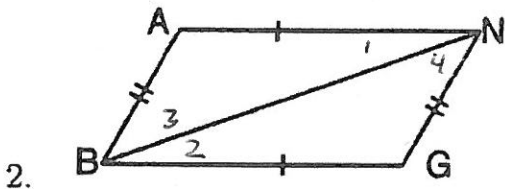
5.3 Triangle Congruence Shortcuts Practice

Study the markings on each of the following figures and write down as many conclusions as you can for can.



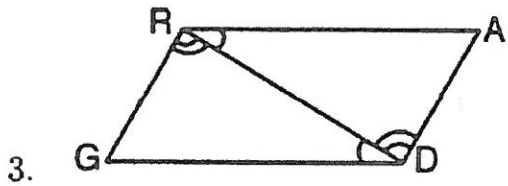
$AC = AC$ Reflexive
 $\triangle DAC \cong \triangle BCA$ AAS
 $DC = AB$ CPCTC
 $AD = BC$ CPCTC

$\angle ACD \cong \angle BAC$ CPCTC



$BN = BN$ Reflexive
 $\triangle NAB \cong \triangle BGN$ SSS
 $\angle A \cong \angle G$ CPCTC

$\angle ANB \cong \angle GBN$ CPCTC
 $\angle BNG \cong \angle NBA$ CPCTC



State if the triangles are congruent, and if so, which congruence shortcut proves them to be congruent.

