

Name: **Key**

4.5-4.6 HOMEWORK

The five ways to prove triangles are congruent are...

SSS

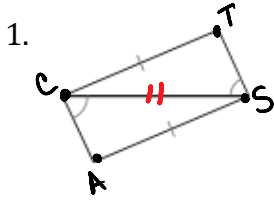
SAS

ASA

AAS

HL

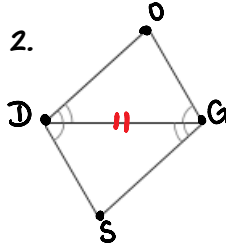
Are the triangles congruent? If so, state the postulate that best supports your answer. Complete the congruence statement.



Yes or **No?**

Why? \_\_\_\_\_

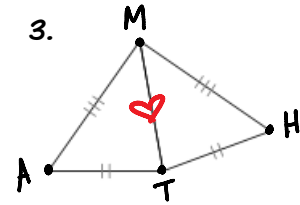
$\triangle CAT \cong$  \_\_\_\_\_



**Yes** or No?

Why? ASA

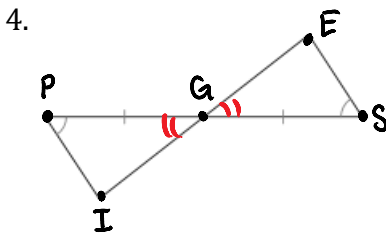
$\triangle DOG \cong$  GSD



**Yes** or No?

Why? SSS

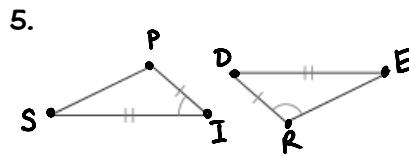
$\triangle MAT \cong$  MHT



**Yes** or No?

Why? ASA

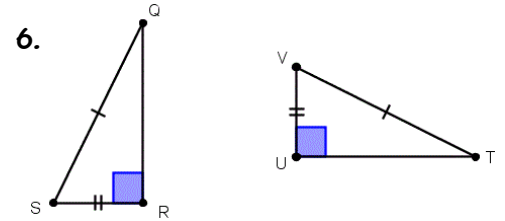
$\triangle PIG \cong$  SEG



Yes or **No?**

Why? \_\_\_\_\_

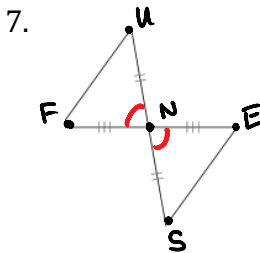
$\triangle SPI \cong$  \_\_\_\_\_



**Yes** or No?

Why? HL

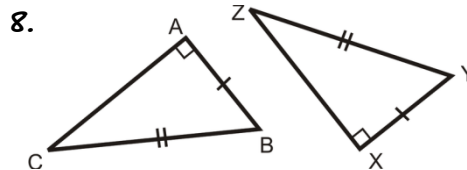
$\triangle SQR \cong$  TVU



**Yes** or No?

Why? SAS

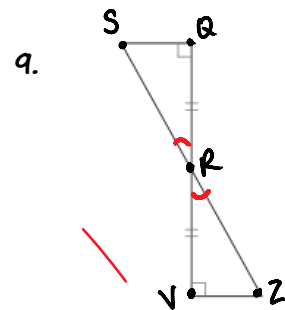
$\triangle FUN \cong$  ESN



**Yes** or No?

Why? HL

$\triangle ACB \cong$  XZY



**Yes** or No?

Why? ASA

$\triangle SQR \cong$  ZVR

