

CH. 6, L1 – EXIT SLIP

Objective: Given two congruent triangles, I will identify corresponding congruent parts by analyzing a diagram and/or congruence statement. I will also distinguish between proper and improper names for a given angle.

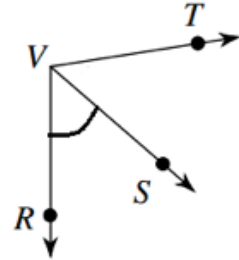
1. Use the diagram to answer each question.

a. Could the marked angle be named $\angle VRS$? Explain.

_____ because _____

b. Could the marked angle be named $\angle V$? Explain.

_____ because _____



CH. 6, L1 – EXIT SLIP

Objective: Given two congruent triangles, I will identify corresponding congruent parts by analyzing a diagram and/or congruence statement. I will also distinguish between proper and improper names for a given angle.

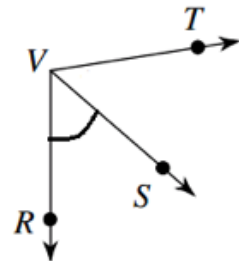
1. Use the diagram to answer each question.

a. Could the marked angle be named $\angle VRS$? Explain.

_____ because _____

b. Could the marked angle be named $\angle V$? Explain.

_____ because _____



For question #2 - 7, below, assume that $\Delta XRP \cong \Delta AZV$.

Classify each statement below as *true* or *false*. If the statement is false, rewrite it so that it is true.

2. $\angle R \cong \angle V$ is _____

3. $\overline{AV} \cong \overline{XP}$ is _____

4. $\Delta XPR \cong \Delta AZV$ is _____

Fill in the blank:

5. $\angle PXR \cong$ _____

6. $\overline{XR} \cong$ _____

7. $\Delta ZAV \cong$ _____

8. Multiple choice: If $\Delta JKL \cong \Delta MNO$, which statement below is **always** true?

(A) $\angle KLJ \cong \angle NMO$

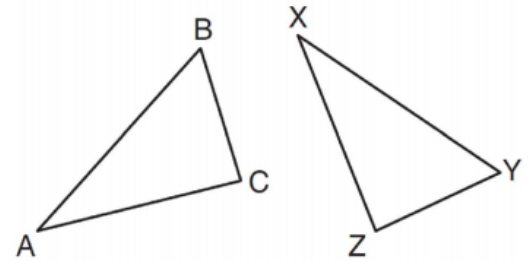
(B) $\angle KJL \cong \angle MON$

(C) $\overline{JL} \cong \overline{MO}$

(D) $\overline{JK} \cong \overline{ON}$

9. In the diagram below, $\Delta ACB \cong \Delta XZY$, $m\angle X = 40^\circ$, and $m\angle Z = 84^\circ$.
What is $m\angle C$? Explain.

$m\angle C =$ _____[°] because _____



For question #2 - 7, below, assume that $\Delta XRP \cong \Delta AZV$.

Classify each statement below as *true* or *false*. If the statement is false, rewrite it so that it is true.

10. $\angle R \cong \angle V$ is _____

11. $\overline{AV} \cong \overline{XP}$ is _____

12. $\Delta XPR \cong \Delta AZV$ is _____

Fill in the blank:

13. $\angle PXR \cong$ _____

14. $\overline{XR} \cong$ _____

15. $\Delta ZAV \cong$ _____

16. Multiple choice: If $\Delta JKL \cong \Delta MNO$, which statement below is **always** true?

(E) $\angle KLJ \cong \angle NMO$

(F) $\angle KJL \cong \angle MON$

(G) $\overline{JL} \cong \overline{MO}$

(H) $\overline{JK} \cong \overline{ON}$

17. In the diagram below, $\Delta ACB \cong \Delta XZY$, $m\angle X = 40^\circ$, and $m\angle Z = 84^\circ$.
What is $m\angle C$? Explain.

$m\angle C =$ _____[°] because _____

