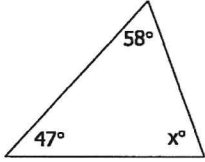


12.6 & 12.8 Review Worksheet

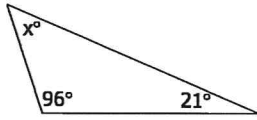
Name _____

I. Find the value of "x".

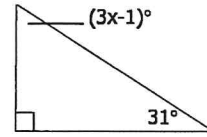
1) $x =$ _____



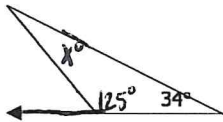
2) $x =$ _____



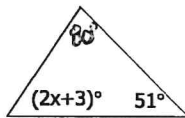
3) $x =$ _____



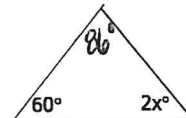
4) $x =$ _____



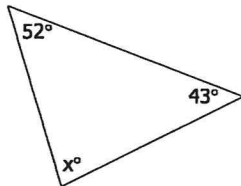
5) $x =$ _____



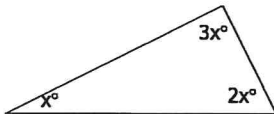
6) $x =$ _____



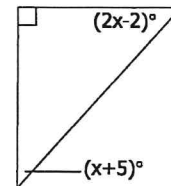
7) $x =$ _____



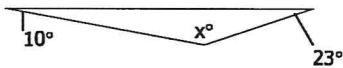
8) $x =$ _____



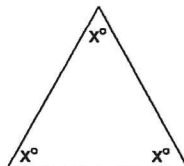
9) $x =$ _____



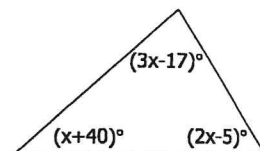
10) $x =$ _____



11) $x =$ _____



12) $x =$ _____

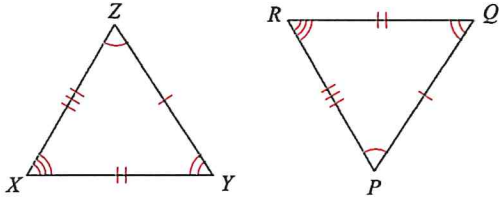


Name _____

Date _____ Period _____

Complete each congruence statement by naming the corresponding angle or side.

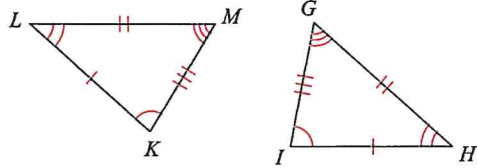
1) $\triangle ZYX \cong \triangle PQR$



$\angle Z \cong ?$

- A) $\angle R$ B) $\frac{\angle P}{PQ}$
 C) $\angle Q$ D) $\frac{PQ}{PQ}$

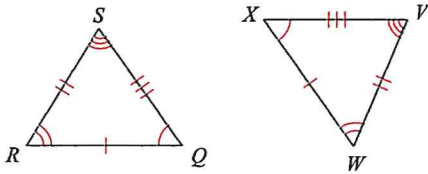
2) $\triangle KLM \cong \triangle IHG$



$\overline{MK} \cong ?$

- A) $\frac{\angle I}{IH}$ B) $\frac{\overline{GI}}{HG}$
 C) $\frac{IH}{IH}$ D) $\frac{HG}{HG}$

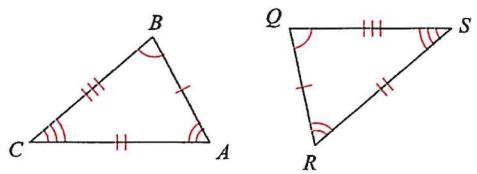
3) $\triangle QRS \cong \triangle XWV$



$\angle S \cong ?$

- A) $\angle W$ B) $\frac{\overline{XW}}{XW}$
 C) $\angle X$ D) $\angle V$

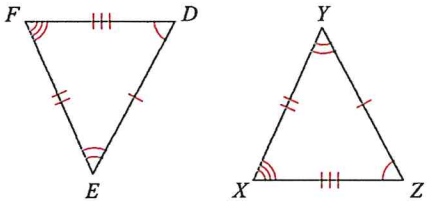
4) $\triangle BAC \cong \triangle QRS$



$\angle B \cong ?$

- A) $\angle Q$ B) $\frac{\angle R}{\angle R}$
 C) $\angle S$ D) $\frac{SQ}{SQ}$

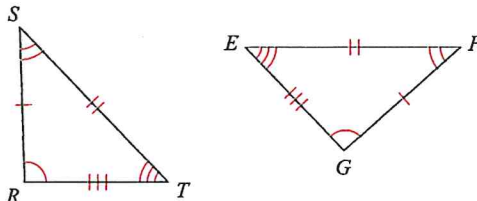
5) $\triangle DEF \cong \triangle ZYX$



$\angle F \cong ?$

- A) \overline{ZY} B) $\angle Y$
 C) $\angle Z$ D) $\angle X$

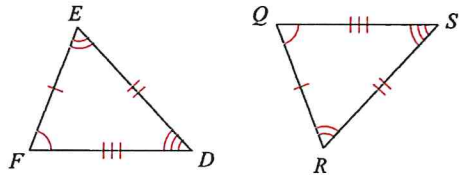
6) $\triangle RST \cong \triangle GFE$



$\overline{TR} \cong ?$

- A) $\frac{\angle E}{GF}$ B) $\frac{\overline{EG}}{FE}$
 C) $\frac{GF}{GF}$ D) $\frac{FE}{FE}$

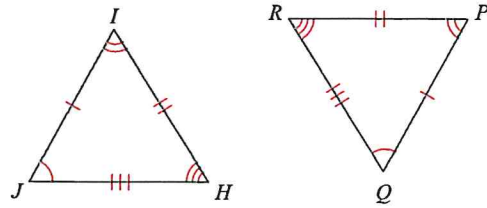
7) $\triangle FED \cong \triangle QRS$



$\angle D \cong ?$

- A) $\angle S$ B) \overline{QR}
 C) $\angle R$ D) $\angle Q$

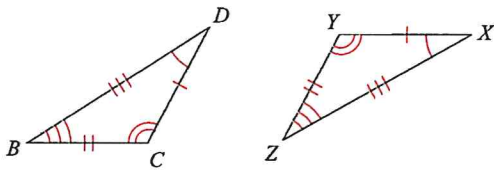
8) $\triangle JIH \cong \triangle QPR$



$\angle I \cong ?$

- A) $\angle R$ B) $\frac{\angle P}{2}$
 C) $\angle Q$ D) $\frac{RQ}{2}$

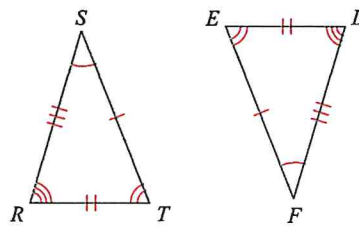
9) $\triangle DCB \cong \triangle XYZ$



$\angle C \cong ?$

- A) \overline{XY} B) $\angle X$
 C) $\angle Y$ D) $\angle Z$

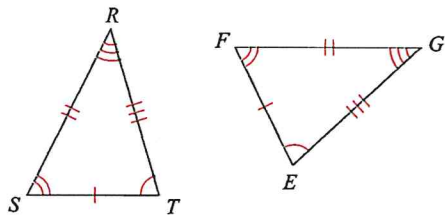
10) $\triangle STR \cong \triangle FED$



$\angle S \cong ?$

- A) \overline{FE} B) $\angle F$
 C) $\angle E$ D) $\angle D$

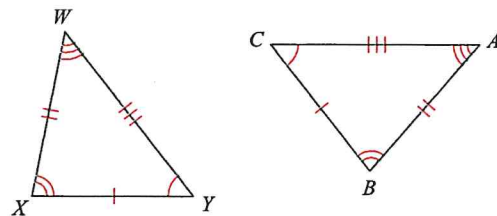
11) $\triangle TSR \cong \triangle EFG$



$\overline{TS} \cong ?$

- A) $\frac{\angle F}{2}$ B) \overline{GE}
 C) \overline{EF} D) \overline{FG}

12) $\triangle YXW \cong \triangle CBA$



$\angle X \cong ?$

- A) $\angle B$ B) $\frac{\angle A}{2}$
 C) $\angle C$ D) \overline{AC}