

1. If polygons are similar then what do you know about the corresponding sides and the corresponding angles?

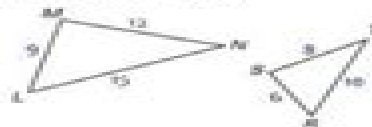
Given the similar figures, name all pairs of corresponding sides and angles. Look at the similarity statement to help.

2. $\triangle PQR \sim \triangle DEF$



$\overline{QP} \rightarrow$ _____ $\angle Q \cong$ _____
 $\overline{PR} \rightarrow$ _____ $\angle P \cong$ _____
 $\overline{RQ} \rightarrow$ _____ $\angle R \cong$ _____

3. $\triangle LMN \sim \triangle RST$



$\overline{LM} \rightarrow$ _____ $\angle L \cong$ _____
 $\overline{MN} \rightarrow$ _____ $\angle M \cong$ _____
 $\overline{NL} \rightarrow$ _____ $\angle N \cong$ _____

4. $ABCD \sim HGFE$



$\overline{AB} \rightarrow$ _____ $\angle A \cong$ _____
 $\overline{BC} \rightarrow$ _____ $\angle B \cong$ _____
 $\overline{CD} \rightarrow$ _____ $\angle C \cong$ _____
 $\overline{DA} \rightarrow$ _____ $\angle D \cong$ _____

Use the similar polygons above to write the statement of proportionality for each:

_____ = _____ = _____

_____ = _____ = _____

_____ = _____ = _____ = _____

Complete the similarity statement for the similar figures and then find the scale factor. REDUCE fractions!



$\triangle LKM \sim \triangle$ _____

Scale Factor:



$CBAD \sim$ _____

Scale Factor:



$RSPQ \sim$ _____

Scale Factor:



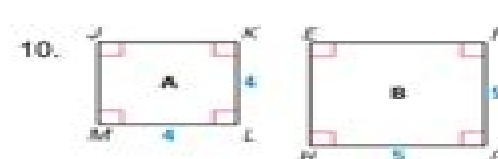
$\triangle HIG \sim \triangle$ _____

Scale Factor:



$\triangle NPM \sim \triangle$ _____

Scale Factor:



$KJML \sim$ _____

Scale Factor:

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E Durkheim



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as well as when it is not the diode carries the current during the off period of the transistor therefore energy flows into the load during both the periods

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web the figure given below represents the functional block diagram of smps initially the unregulated ac input signal from the source is provided to the input rectifier and filter circuit here the ac input signal is rectified to generate a dc signal and further smoothened to remove high frequency noise component from it

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