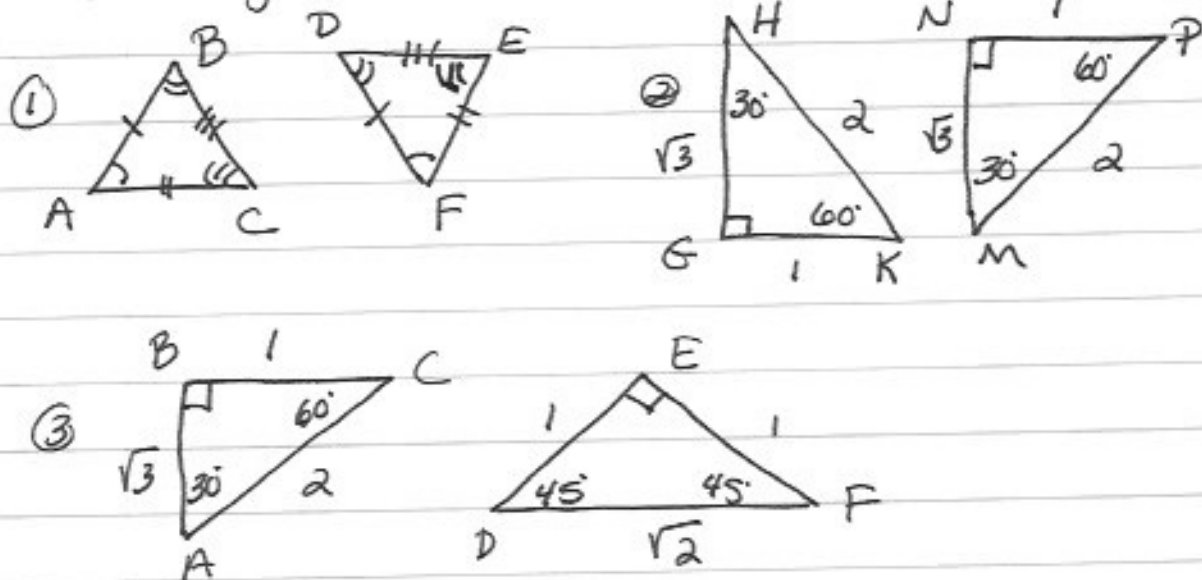


Congruence

Are the Δ 's $\cong$? if they are $\cong$, then write:

a) congruence statements comparing the corresponding parts

b) Congruence statement between Δ 's



Answers

① $\angle A \cong \angle F$, $\angle B \cong \angle D$, $\angle C \cong \angle E$
 $\overline{AB} \cong \overline{DF}$, $\overline{AC} \cong \overline{EF}$, $\overline{BC} \cong \overline{DE}$
 so $\Delta ABC \cong \Delta FDE$

② $\angle G \cong \angle N$, $\angle H \cong \angle M$, $\angle K \cong \angle P$
 $\overline{GH} \cong \overline{NM}$, $\overline{HK} \cong \overline{MP}$, $\overline{GK} \cong \overline{NP}$
 so $\Delta GHK \cong \Delta NMP$

③ Δ 's not $\cong$