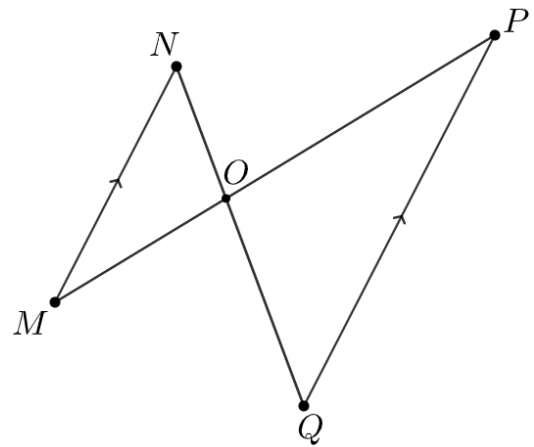


Lesson 3.07
Deep Dive: Similar Triangle Proofs

Geometry GT

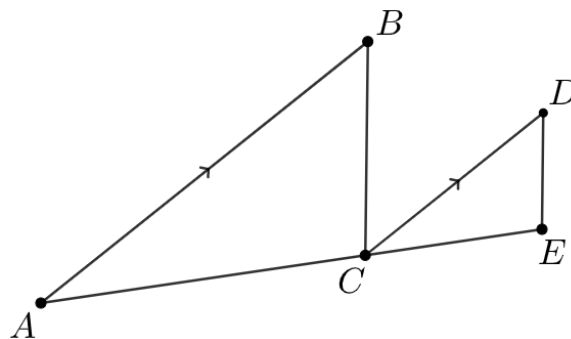
Task #1

Given that $\overline{MN} \parallel \overline{PQ}$, prove that $\triangle MNO \sim \triangle PQO$.



Task #2

Given that $\frac{AB}{CD} = \frac{AC}{CE}$ and $\overline{AB} \parallel \overline{CD}$, prove that $\triangle ABC \sim \triangle CDE$.



Task #3

Given that $\frac{AB}{AD} = \frac{AC}{AE}$, prove that $\overline{BC} \parallel \overline{DE}$.

