Invisible Triangles: Similarity

Transformer

Listen to hear which parts of the triangles correspond. Then give instructions to take one triangle onto the other.

Possible instructions:

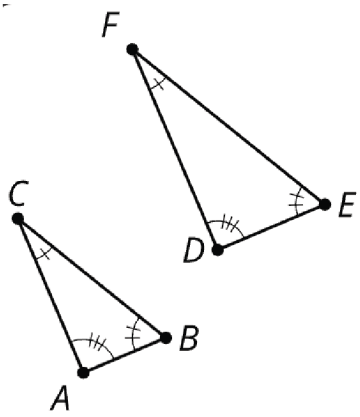
- Translate _____ from _____ to _____.
- Rotate _____ using _____ as the center by angle _____.
- Rotate using _____ as the center so that _____ coincides with _____.
- Reflect _____ across _____.
- Reflect _____ across the perpendicular bisector of _____.
- Dilate _____ using center _____ and a scale factor of _____.

Invisible Triangles: Similarity

Card A

Tell the transformer which parts correspond.

$$\frac{AB}{DE} = \frac{AC}{DF} = \frac{BC}{EF}$$

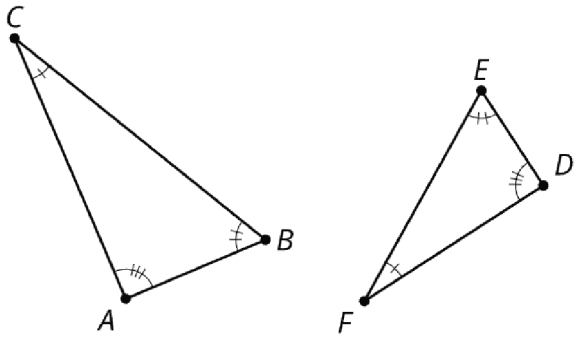


Invisible Triangles: Similarity

Card B

Tell the transformer which parts correspond.

$$\frac{AB}{DE} = \frac{AC}{DF} = \frac{BC}{EF}$$



Invisible Triangles: Similarity

Card C

Tell the transformer which parts correspond.

$$\frac{AB}{DE} = \frac{AC}{DF} = \frac{BC}{EF}$$

