

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:

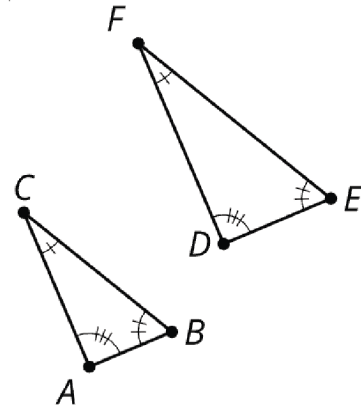
- Translate \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_.
- Rotate \_\_\_\_\_ using \_\_\_\_\_ as the center by angle \_\_\_\_\_.
- Rotate using \_\_\_\_\_ as the center so that \_\_\_\_\_ coincides with \_\_\_\_\_.
- Reflect \_\_\_\_\_ across \_\_\_\_\_.
- Reflect \_\_\_\_\_ across the perpendicular bisector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

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## Card A

Tell the transformer which parts correspond.

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



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## Card B

Tell the transformer which parts correspond.

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



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## Card C

Tell the transformer which parts correspond.

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

