Sam-ilarity Proofs

Prove SAM is similar to ANNA
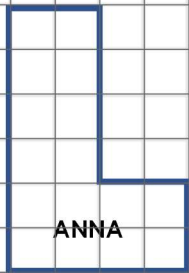
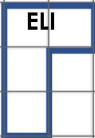| Statements	Reasons

Prove SAM is similar to BEN

BEN

Statements	Reasons

ANNA

Prove SAM is similar to CATE

CATE

Statements	Reasons

Prove SAM is similar to ELI

Statements	Reasons

ELI

SAM
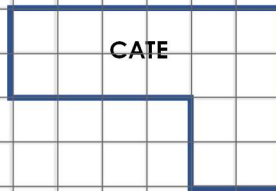
Prove SAM is similar to FRANK

Statements	Reasons

Prove SAM is similar to DOUG

DOUG

Statements	Reasons

FRANK
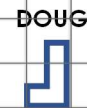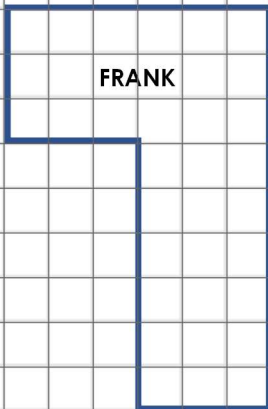
Prove SAM is NOT similar to GRACE
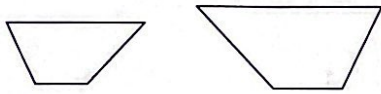
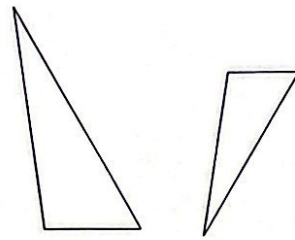| Statements	Reasons

GRACE
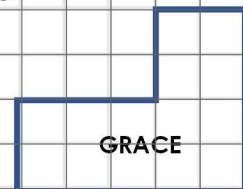
Similarity Off the Grid

Each pair of polygons are similar.
Perform a series of transformations to map the left shape (pre-image) onto the right shape (image).
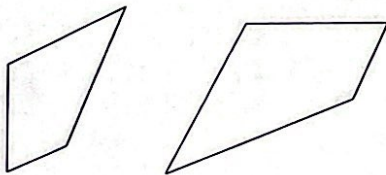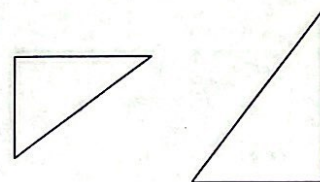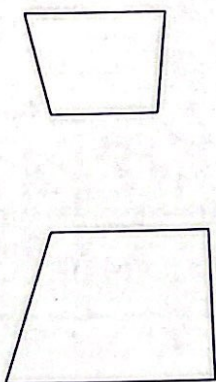**Notate each transformation in the form of a two-column proof to show the similarity.**

1)

2)

3)

4)

5)

6)