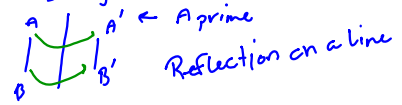Chp 7
  Transformations

  flip
  slide
  Turn
  combinations

7.1 Rigid Motion in a Plane

image < location / appearance after transformation

pre image — before transformation

3 ways to do transformation

A | A' ← A prime
B | B'   Reflection on a line
D

2nd way

A   A'   Rotation on a point
  B   B'

3rd way

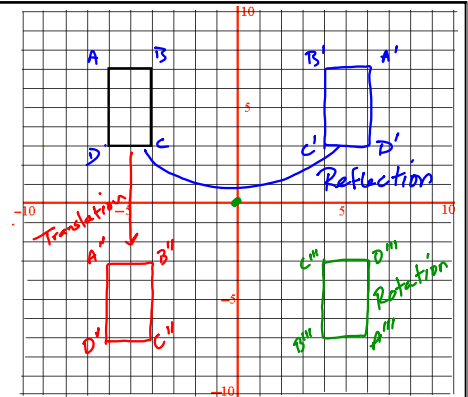A B
D C   Translation
  A' B'
  D' C'

---

3 ways
Reflection (flip)

Rotation (Turn)

Translation (slide)

Isometry
  Transformation that
    Preserves lengths

— Same side length
— same angle measures
— stays parallel/perpendicular

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