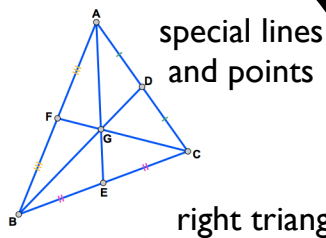


TRIANGLES

properties



trigonometry



special lines and points

congruent triangles and their postulates



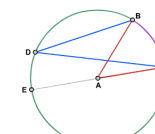
right triangles



pythagorean theorem

CIRCLES

algebraic representations



chords, arcs, sectors, and inscribed angles

lines and segments

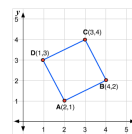


OTHER POLYGONS

polygons and special quadrilaterals



coordinate proofs



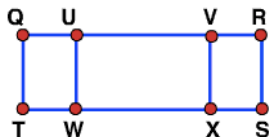
INDUCTIVE AND DEDUCTIVE REASONING

IF an animal is a dog, THEN it is a mammal.

Hypothesis p implies Conclusion q

Proofs and constructions

Given: $TW = XS$,
 $QV = TX$
Prove: $QV = WS$

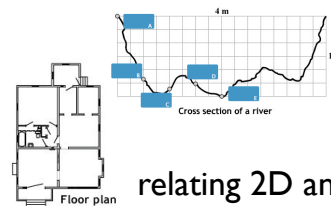


conditional statements and converses

reasoning and logic

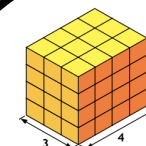
MODELING

estimating area

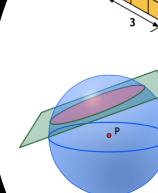


relating 2D and 3D objects

3D



prisms and cylinders



spheres

pyramids and cones

