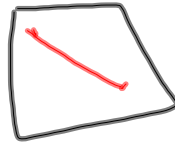
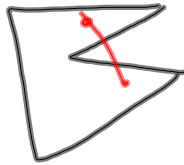


10-3-13

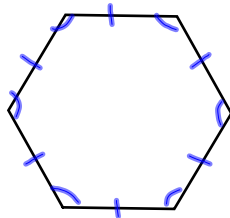
1st Geo

Concave vs. Convex

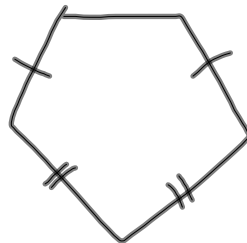
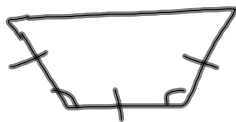


Regular Polygon

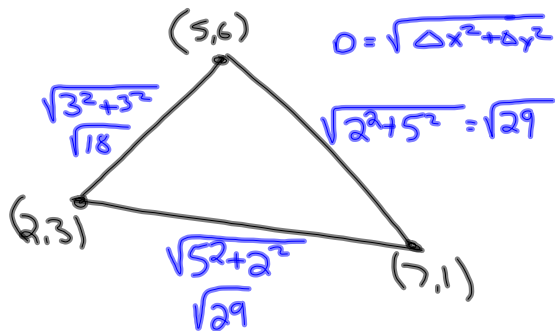
All sides are same length
All angles are same measurement



Regular Hexagon



What is the perimeter of
a triangle with vertices of
(2,3) (5,6) and (7,1)



$$P = \sqrt{29} + \sqrt{29} + \sqrt{18} \approx 15.0 \text{ cm}$$

Review

Converse
inverse
Contrapositive

"If you like pigs, then you don't eat bacon."

Converse: If you don't eat bacon, then you like pigs.

Inverse: "If you don't like pigs, then you eat bacon."

Contrapositive: 'If you eat bacon, then you don't like pigs.'

p: you eat pop-tarts

q: you drink milk

"If you don't drink milk, then you eat pop-tarts"

$$\sim q \rightarrow p$$

"If you drink milk [∧] and you eat pop-tarts, then you don't drink milk"

$$q \wedge p \rightarrow \sim q$$

$$q \wedge p \rightarrow \sim q$$

word	symbol
Therefore	∴
and	∧
or	∨
if and only if	↔