

[illegible]**IAA
Architekten**

- **midpoint formula**
 $M = \left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2} \right)$ midpoint of the line segment
 $P = (x_1, y_1)$ and $Q = (x_2, y_2)$ endpoints of the line segment
- **midpoint theorem**
 $LM = \frac{1}{2} BC$ and $LM \parallel BC$ if M is the midpoint of AC and L is the midpoint of AB in $\triangle ABC$

