

Nombres

Calcul

Géométrie

OGD/ALG/PROBA

Mesure

Connaitre les polygones





OBJECTIF(S) DE LA SÉANCE

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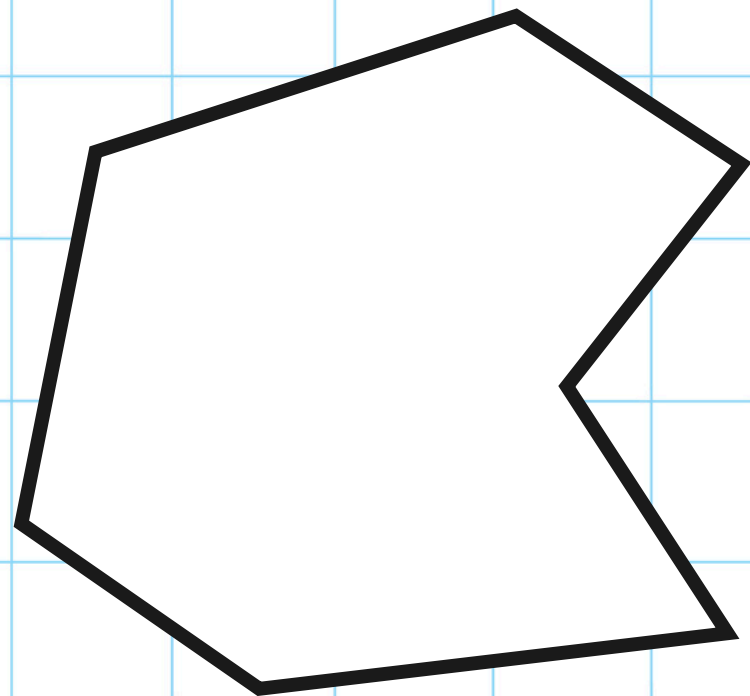


- **GEOMETRIE**
- **Connaitre la notion de polygone**
- **Caractériser et nommer différents polygones**

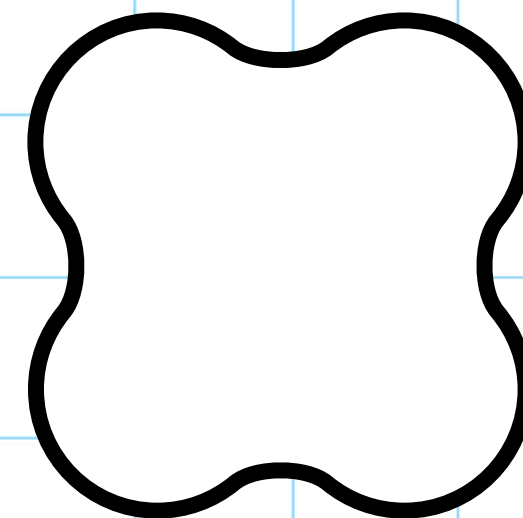
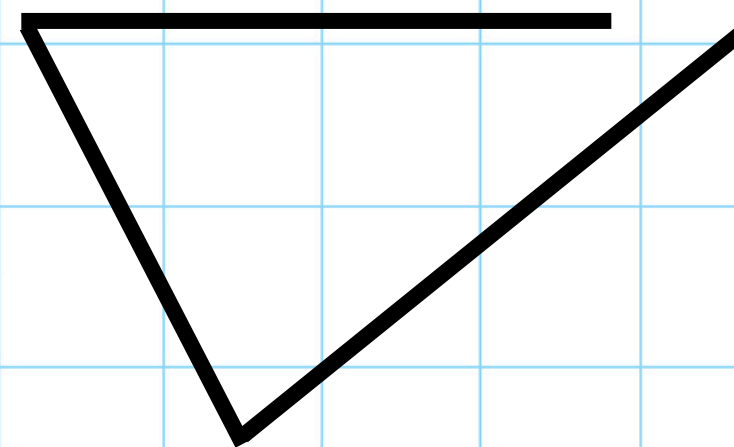


QU'EST-CE-QU'UN POLYGONE ?

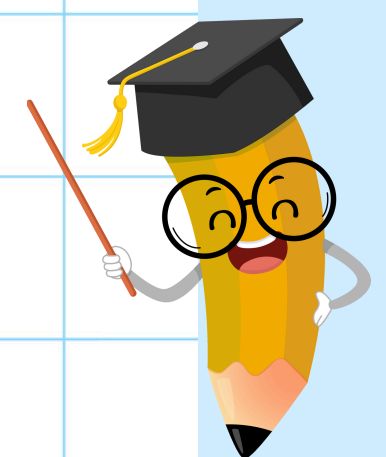
POLYGONE = figure géométrique plane, fermée et dont les côtés sont constitués de segments (tracés à la règle).



Cette figure est un polygone.



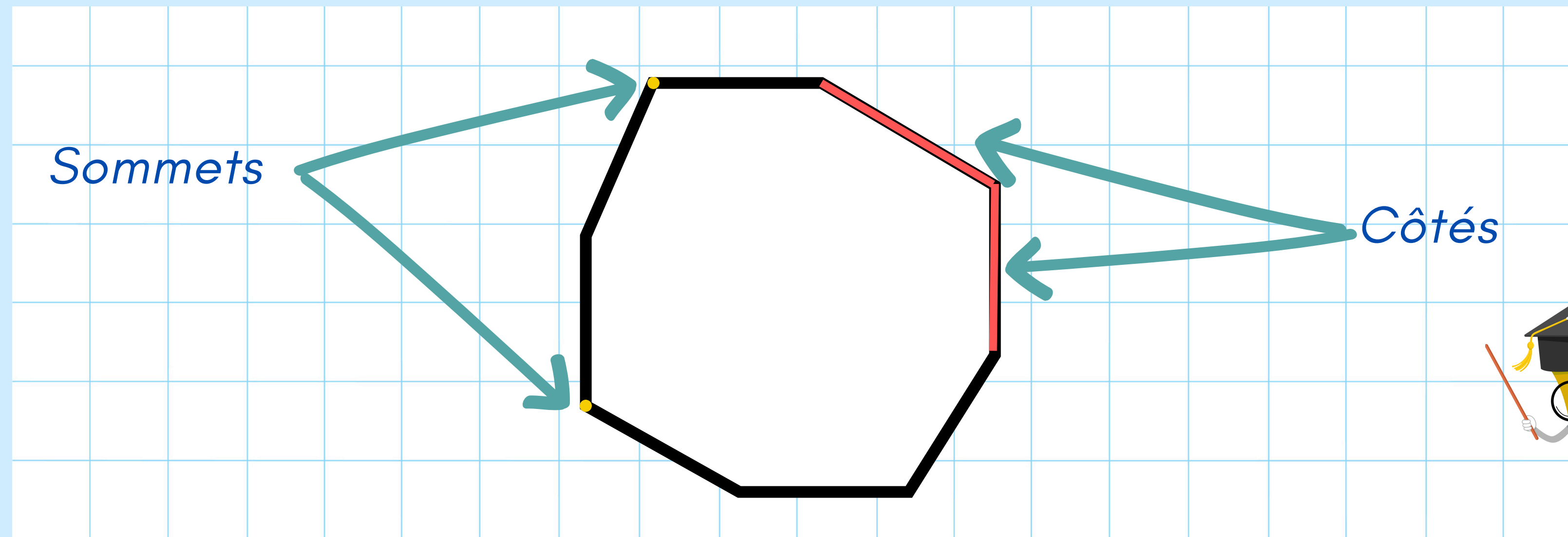
Ces figures ne sont pas des polygones.





QU'EST-CE-QU'UN POLYGONE ?

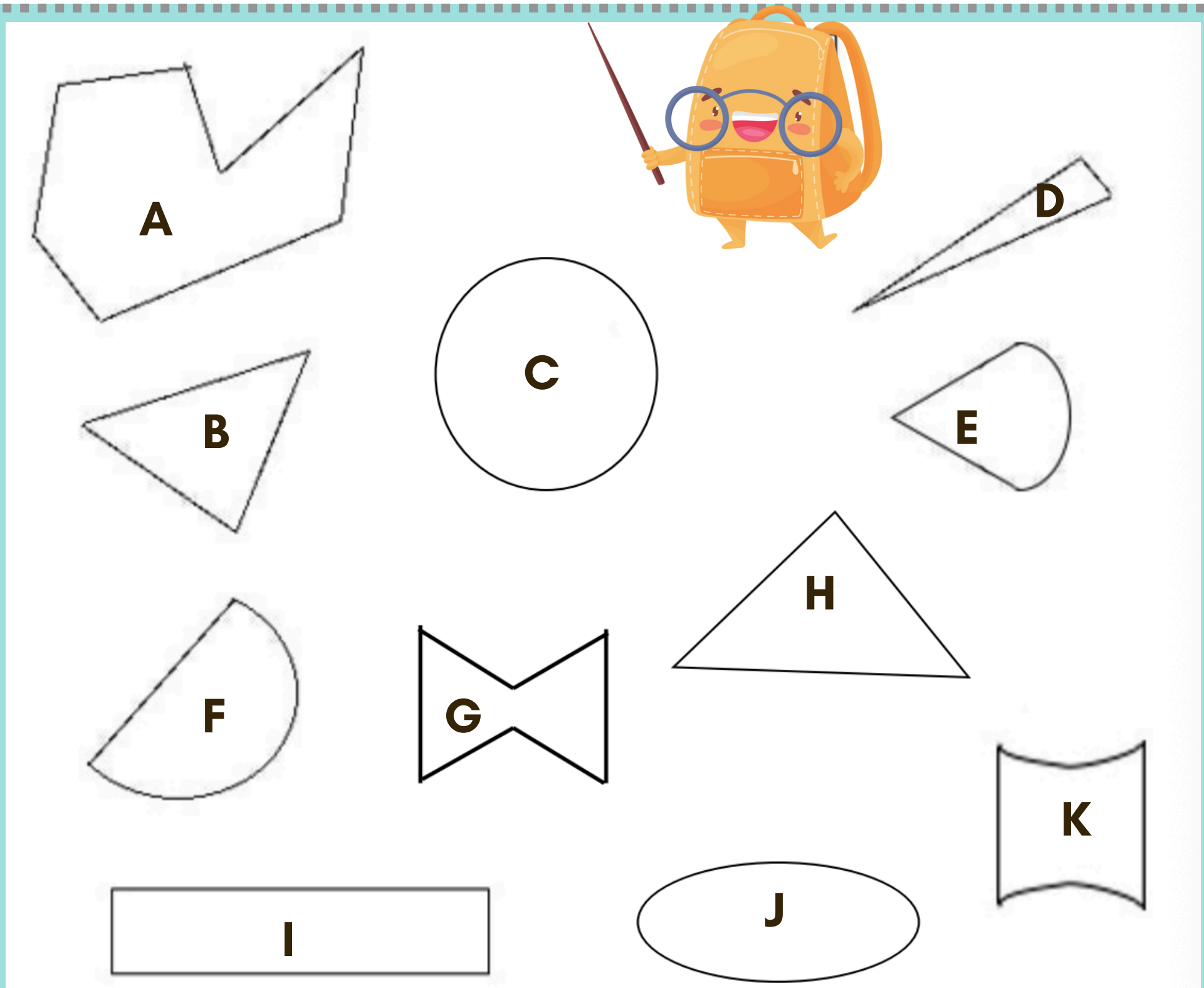
POLYGONE => possède des côtés et des sommets





MINI TEST

Polygones ? Pourquoi ?
Combien de côtés ?

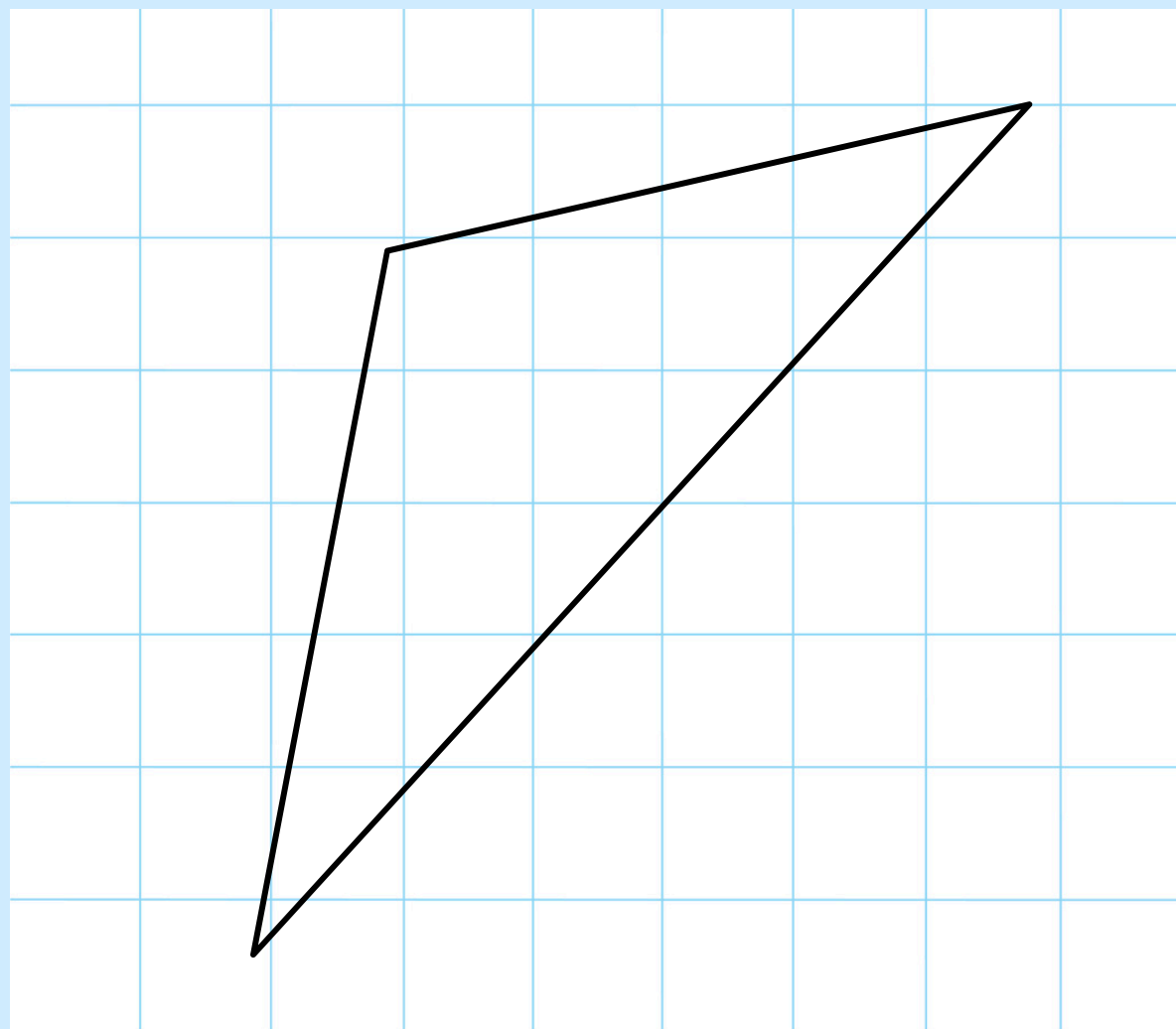




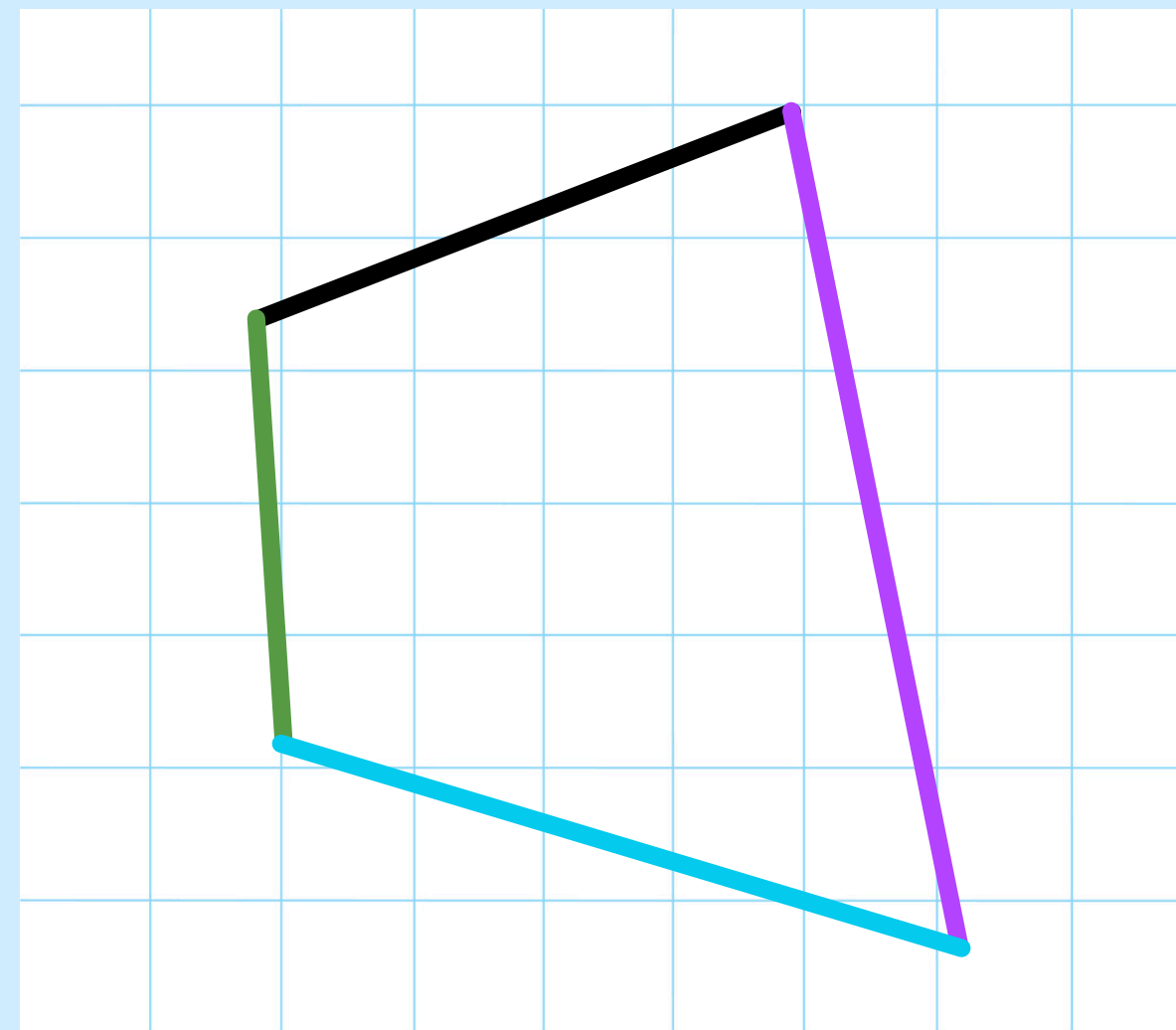
LE TRIANGLE ET LE QUADRILATÈRE

On classe et on nomme les polygones en fonction du nombre de côtés ou sommets.

TRIANGLE => 3 côtés



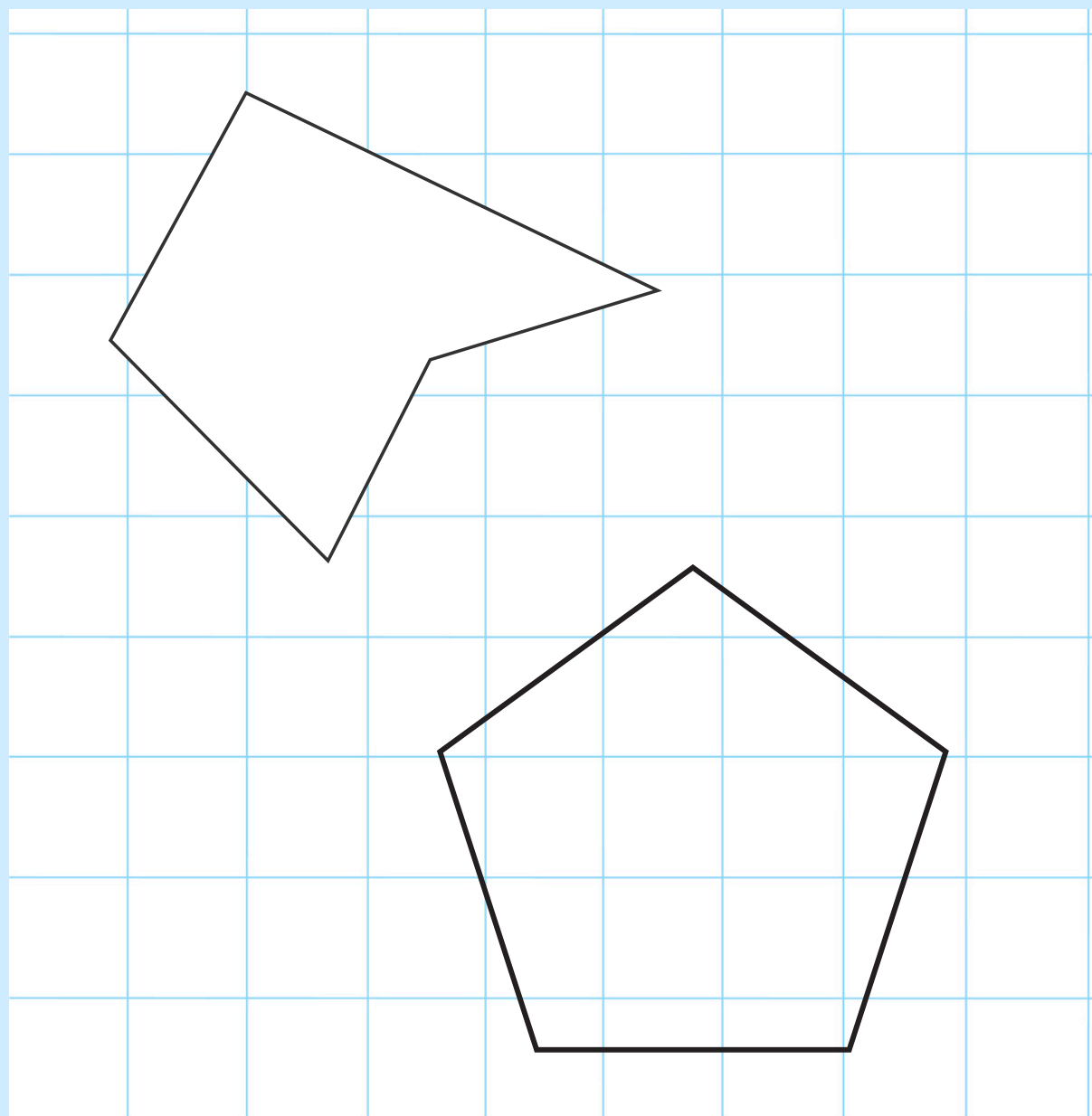
QUADRILATÈRE => 4 côtés



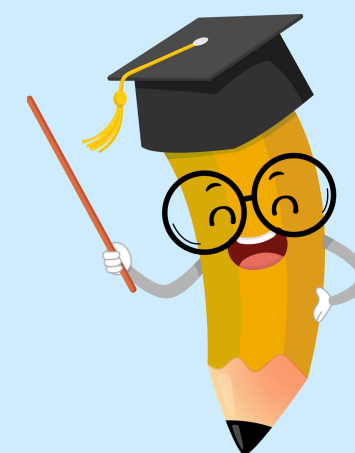
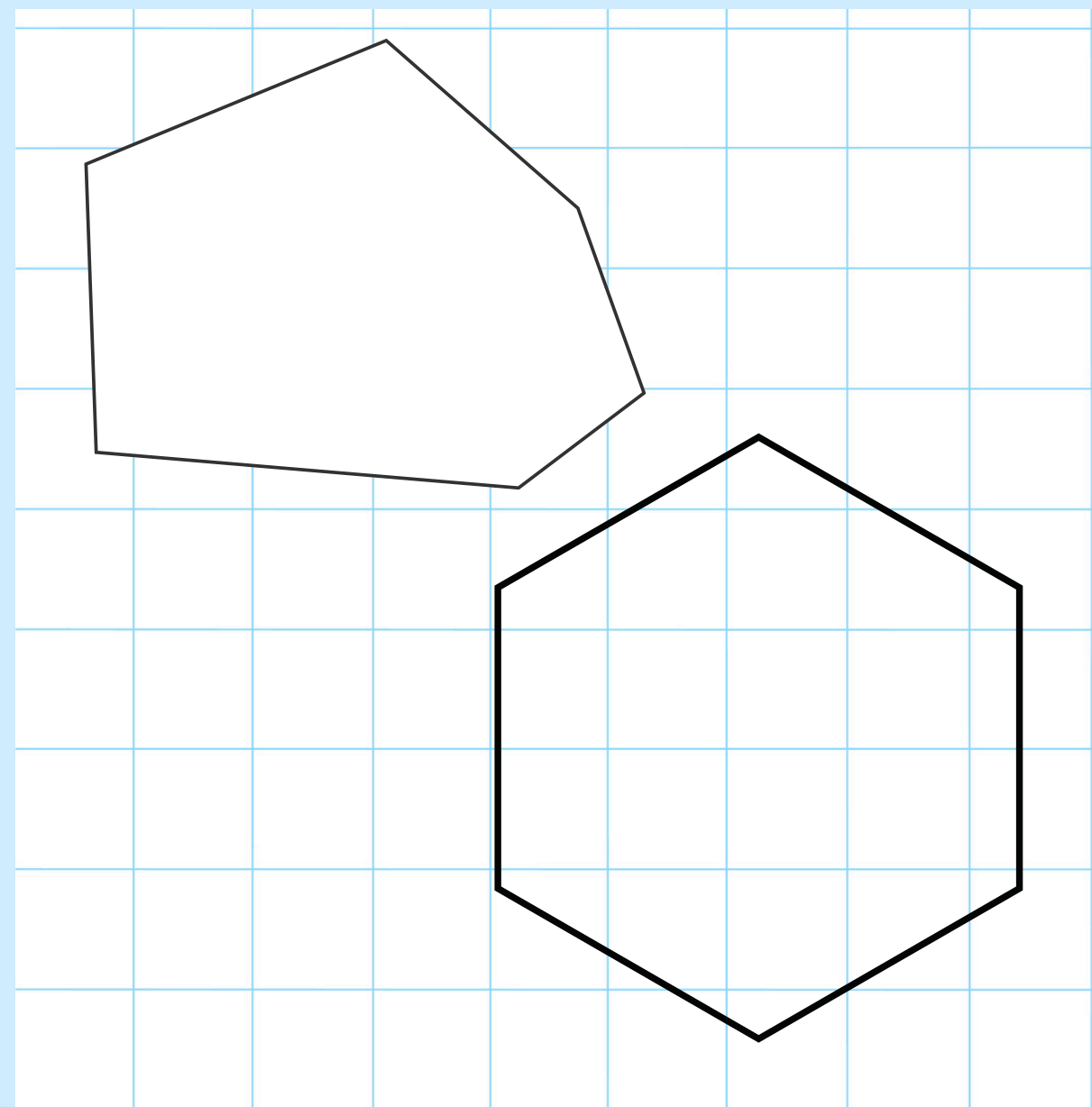


LE PENTAGONE ET L'HEXAGONE

PENTAGONE => 5 côtés



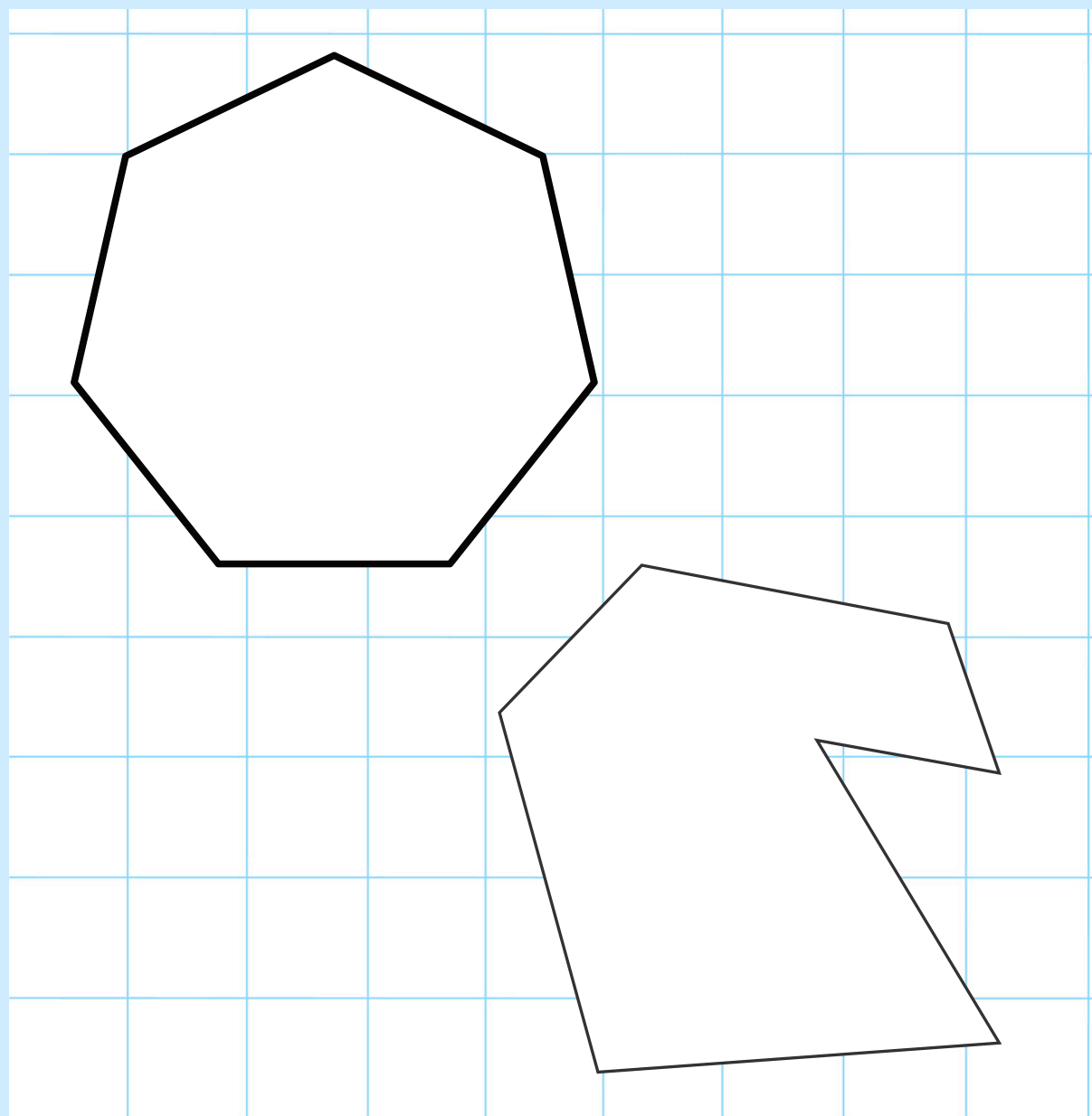
HEXAGONE => 6 côtés



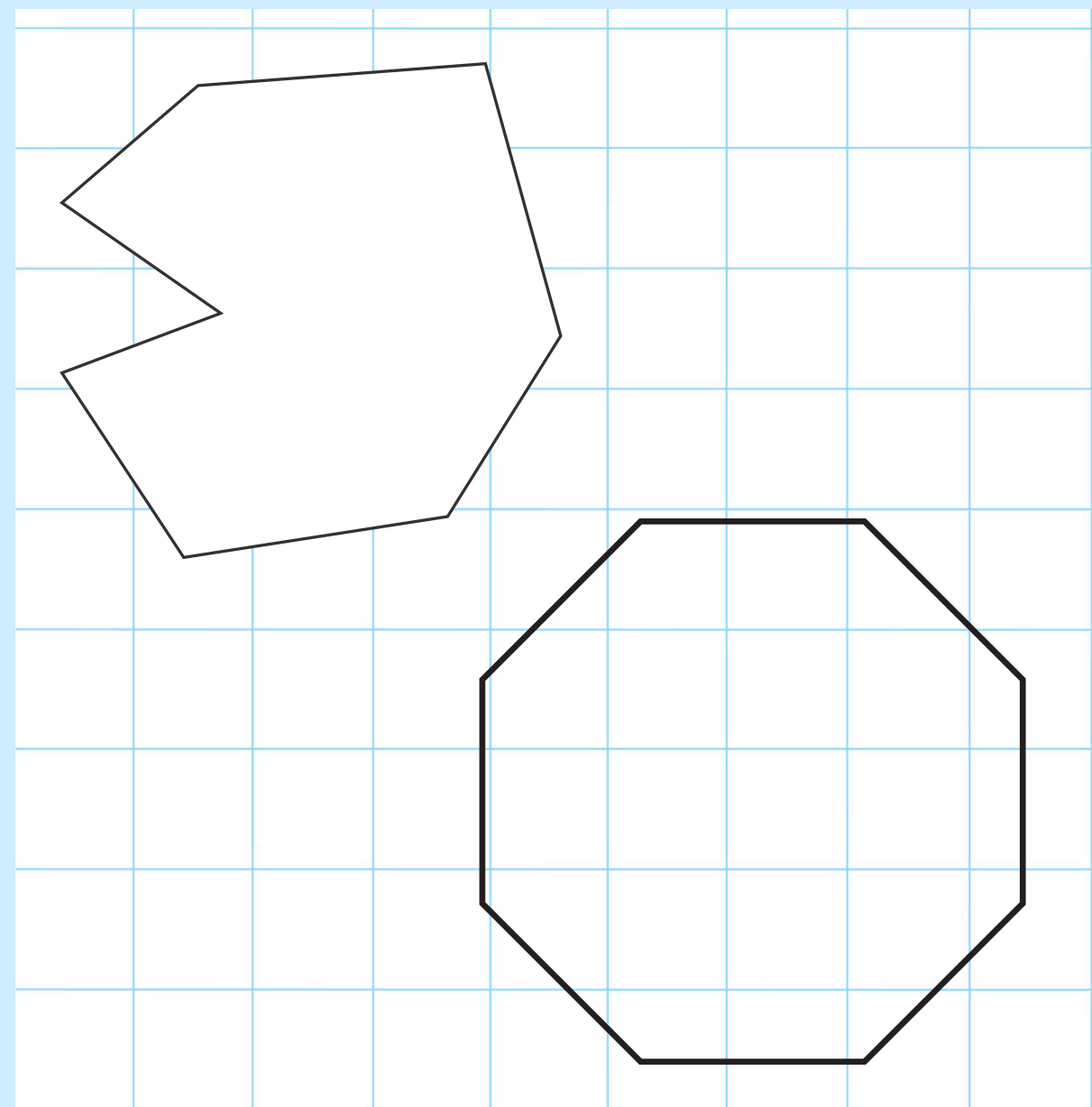


L'HEPTAGONE ET L'OCTOGONE

HEPTAGONE => 7 côtés



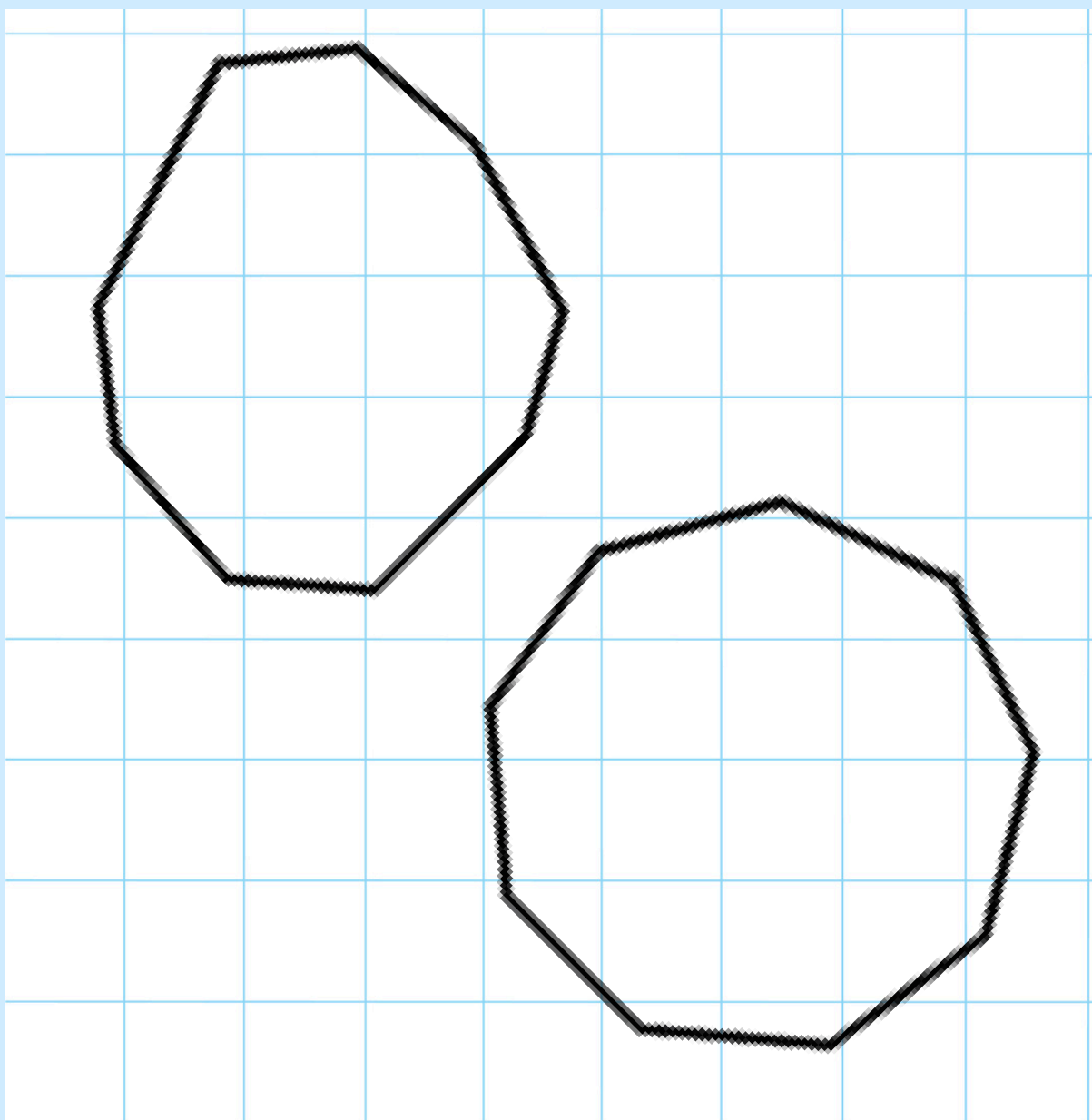
OCTOGONE => 8 côtés



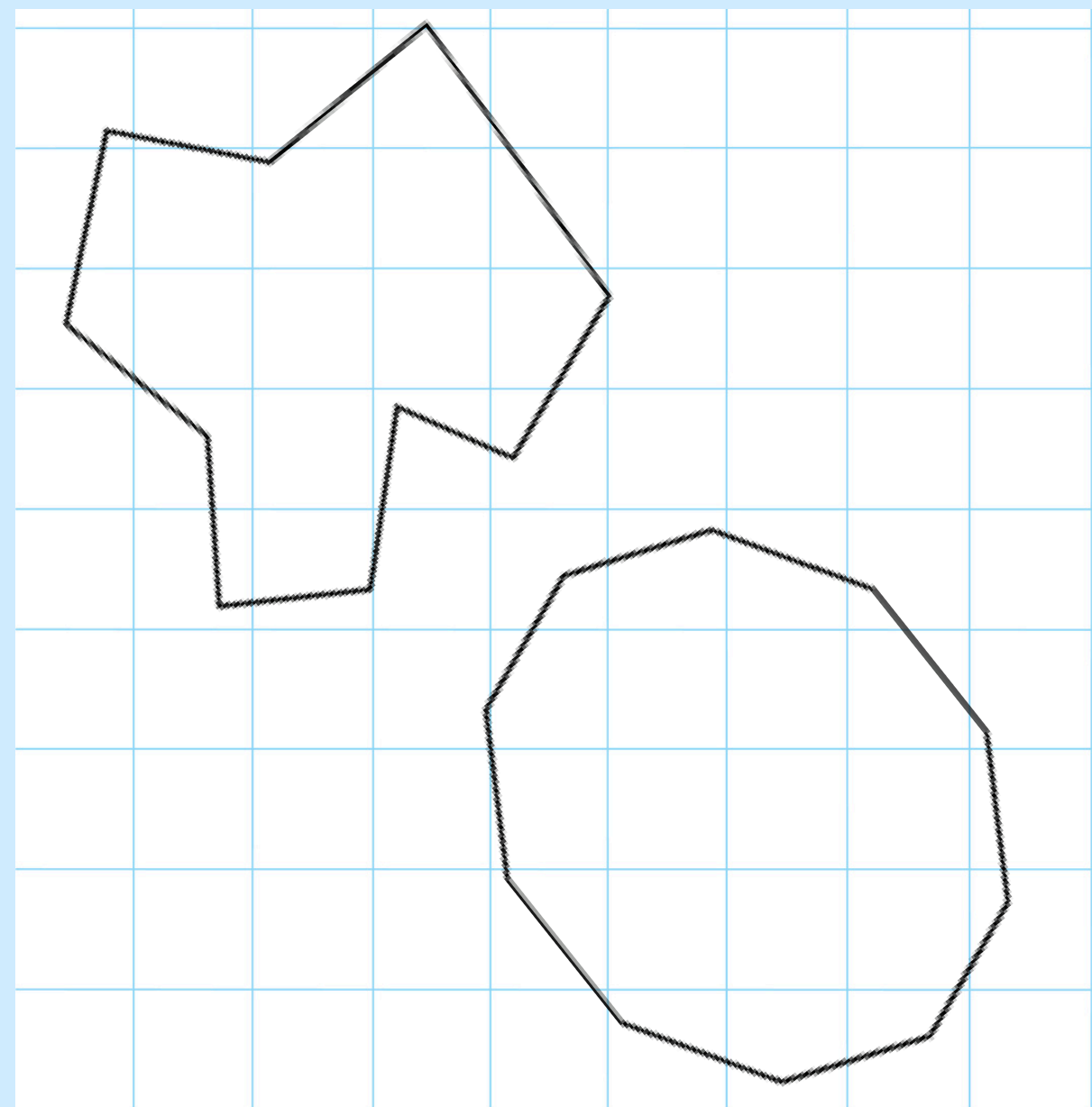


L'HEPTAGONE ET L'OCTOGONE

NONAGONE => 9 côtés



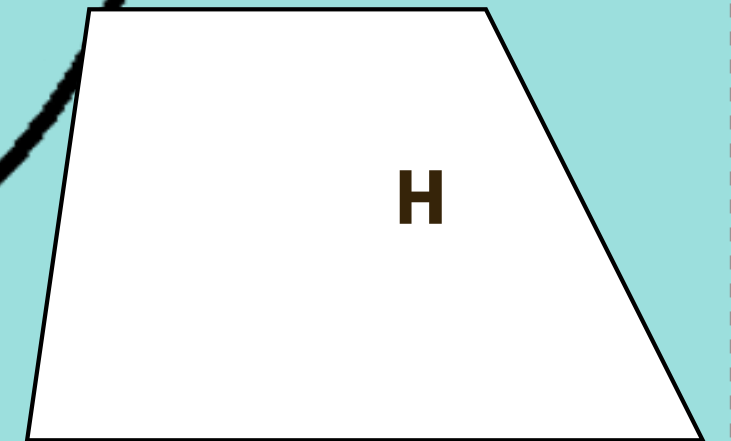
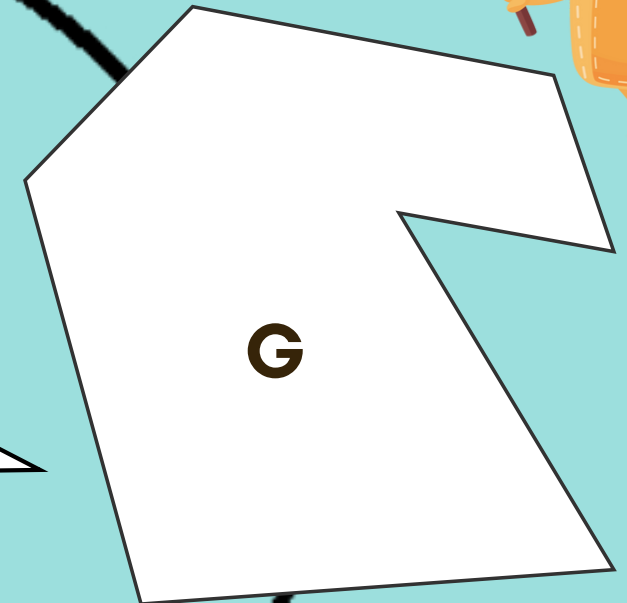
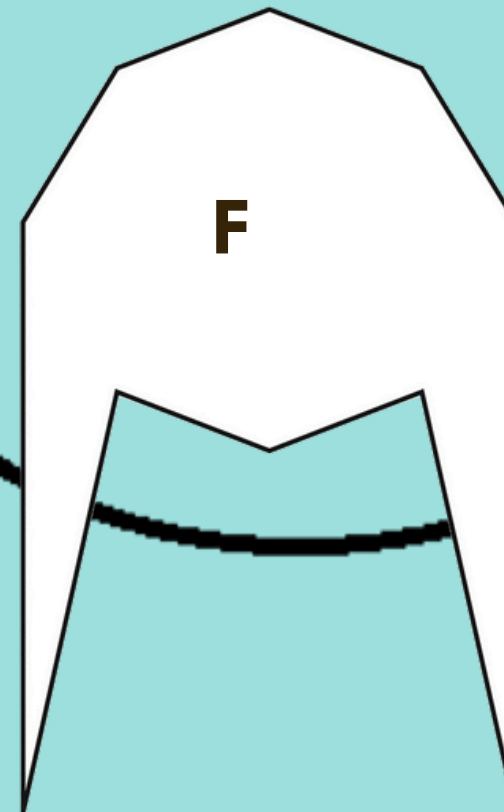
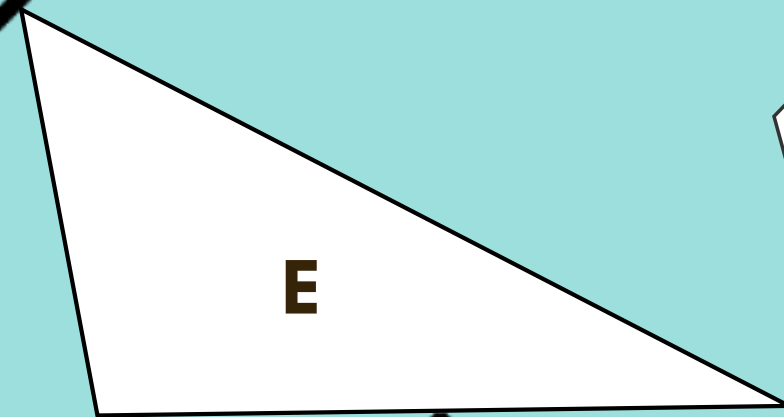
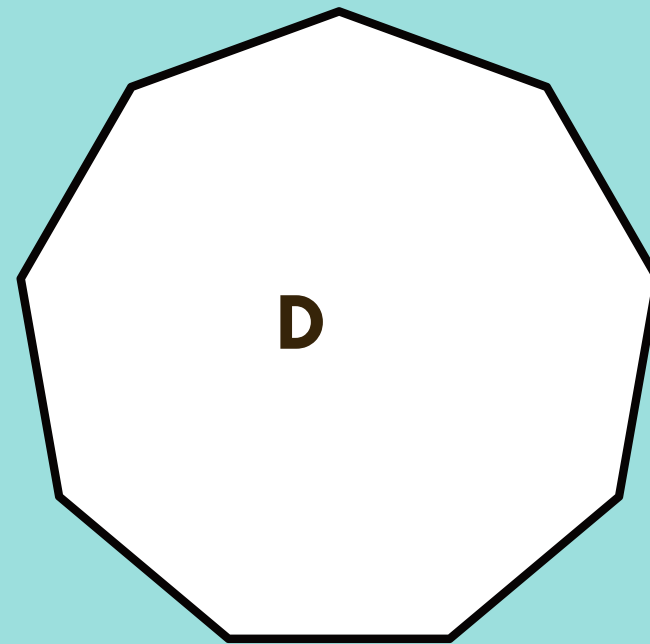
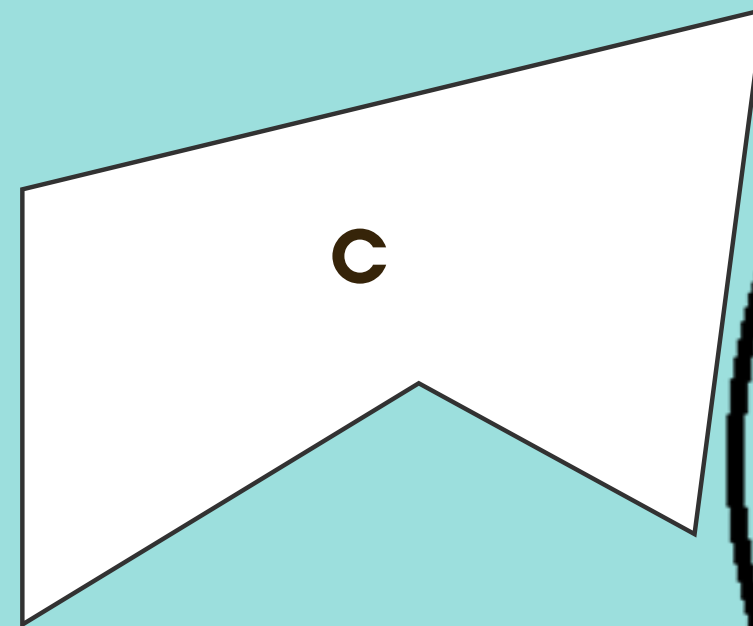
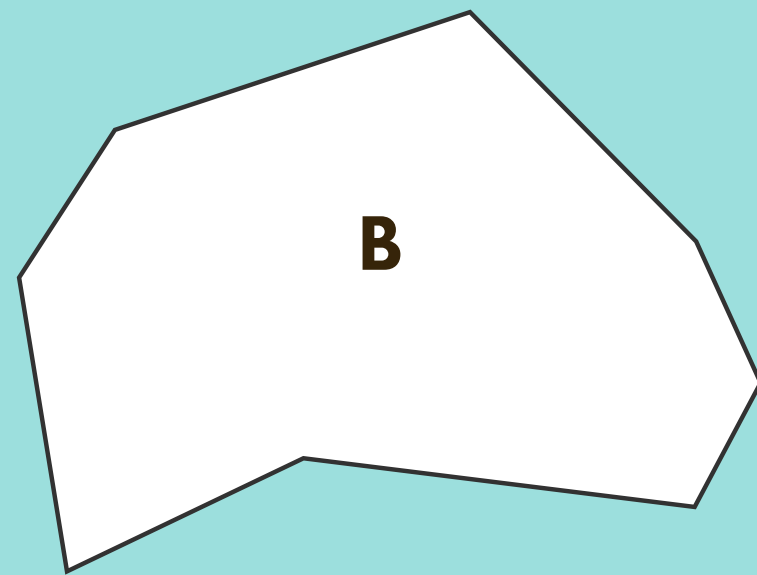
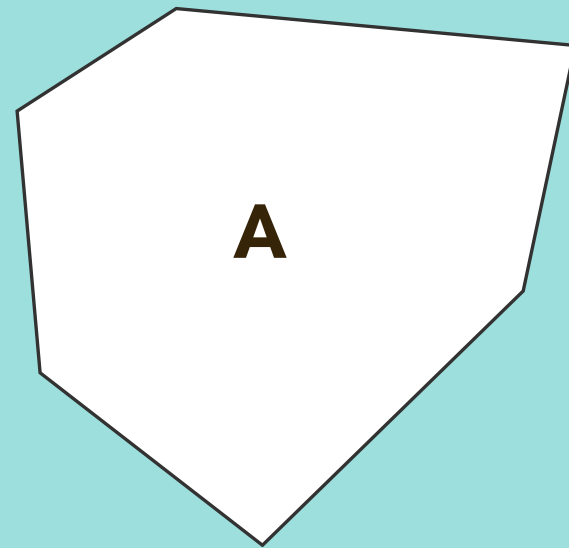
DECAGONE => 10 côtés





MINI TEST

Nomme les polygones





L'ESSENTIEL À RETENIR

