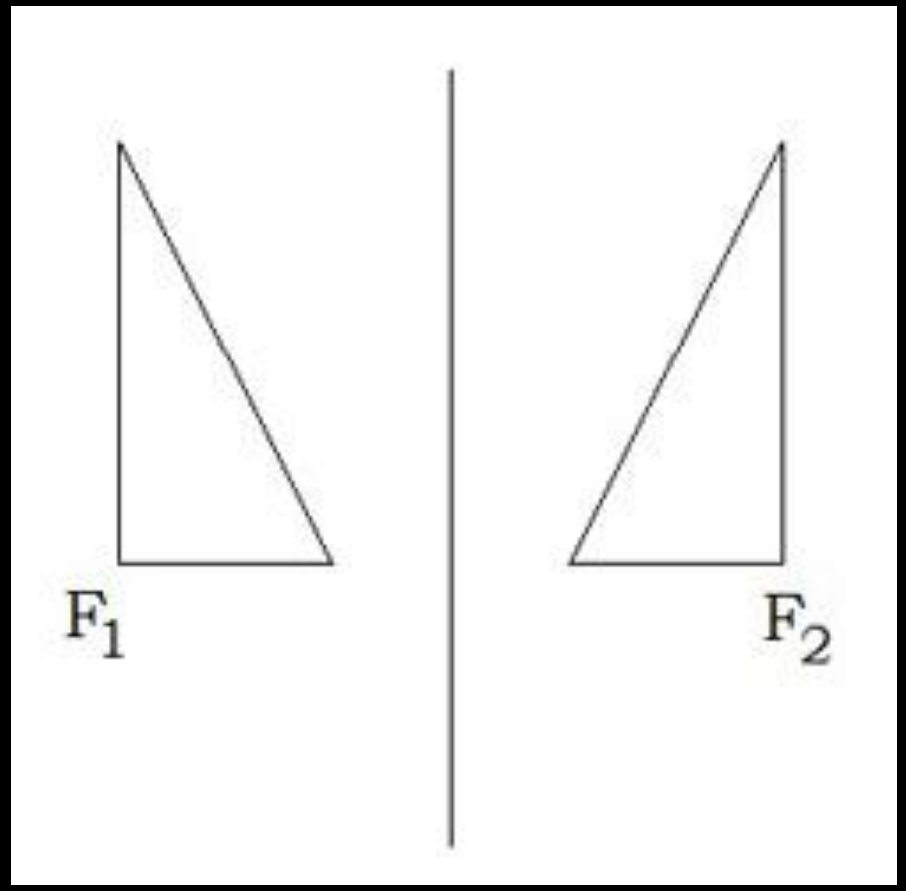
Simetrija
tiesės ir taško atžvilgiu

Tiesės atžvilgiu

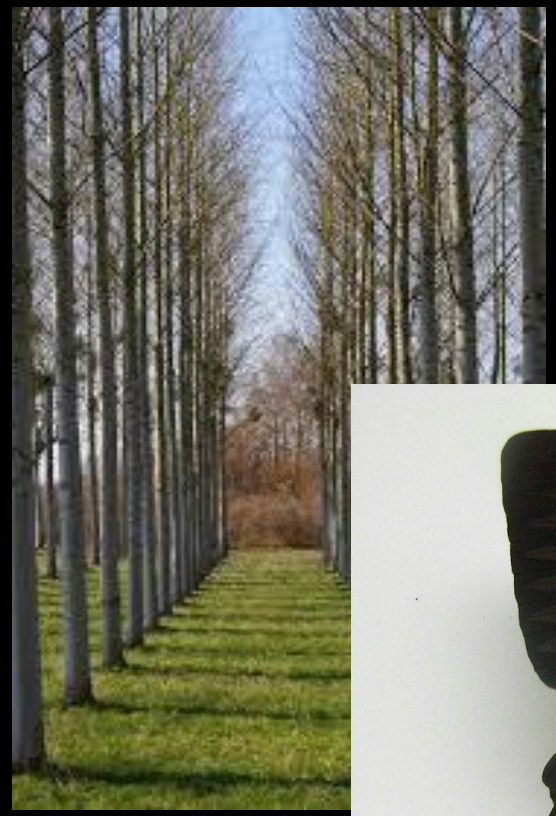
Dvi figūros simetriškos tiesės atžvilgiu, jei sulenkus lapą per tiesę, figūros sutampa.



Pavyzdžiai

Gamtoje

Gamtoje



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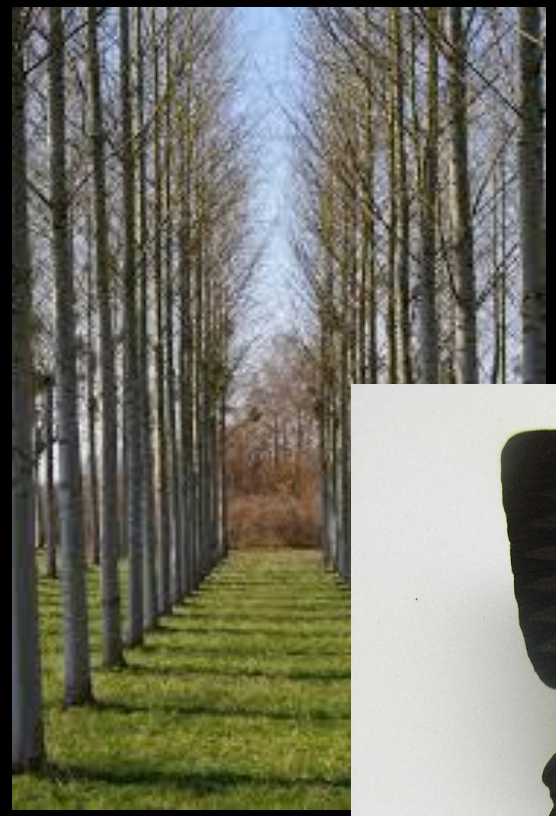
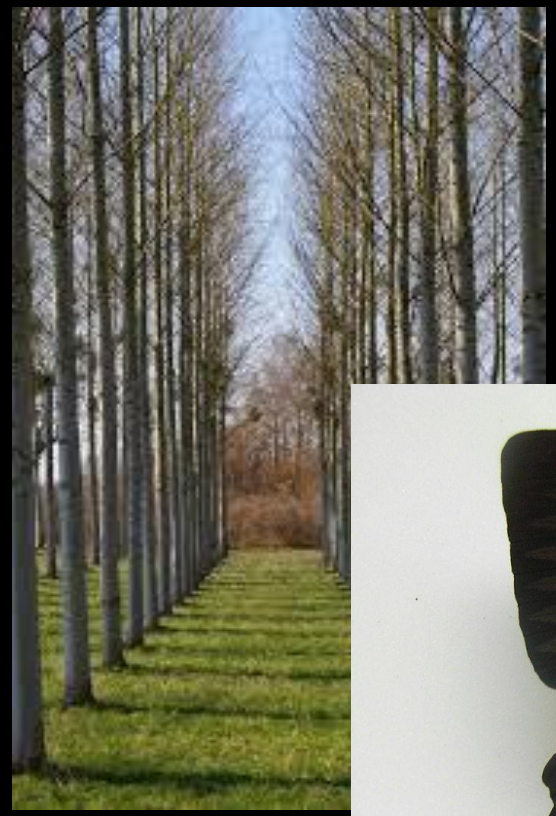


Gamtoje



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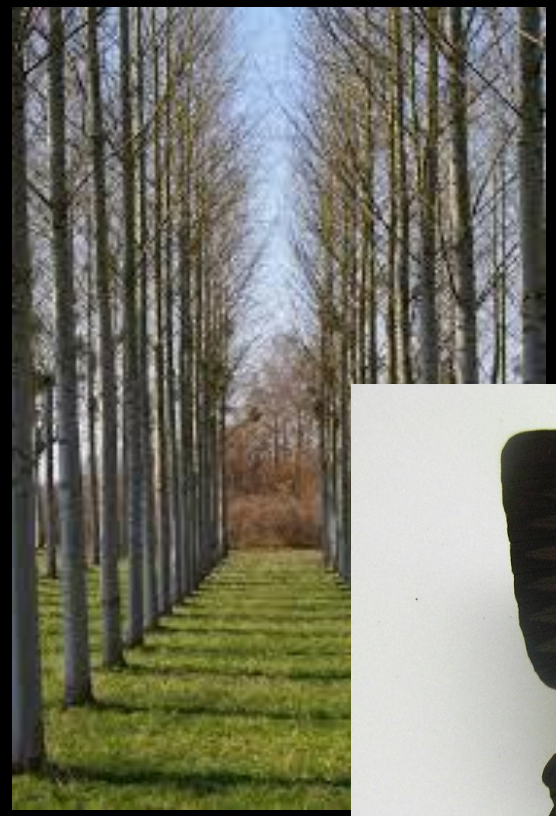

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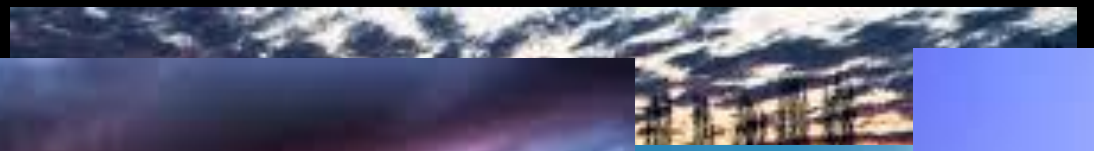

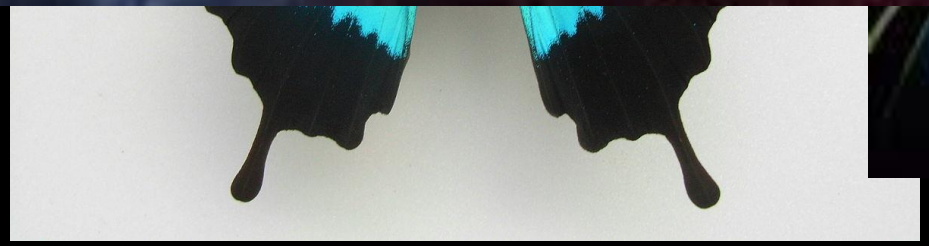

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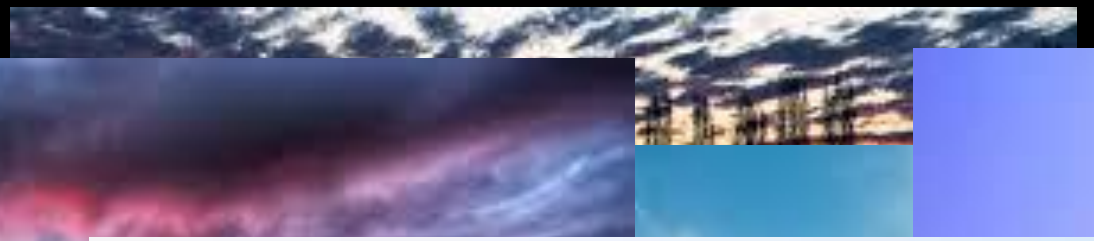
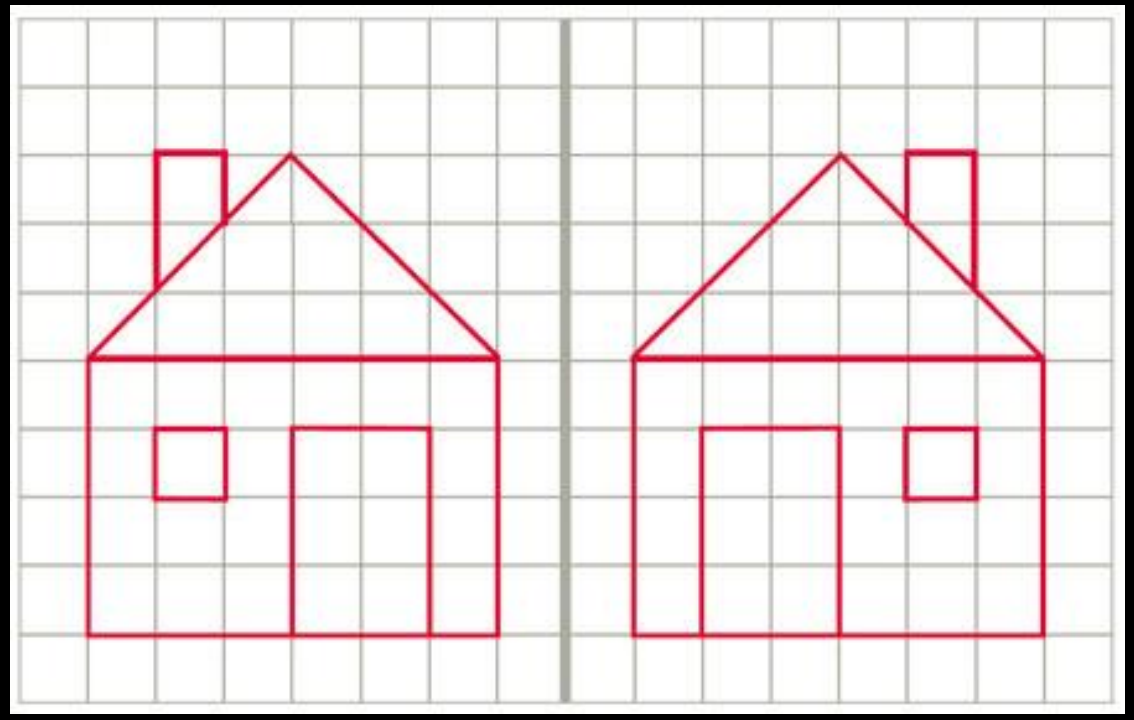


Gamtoje

Piešiniai



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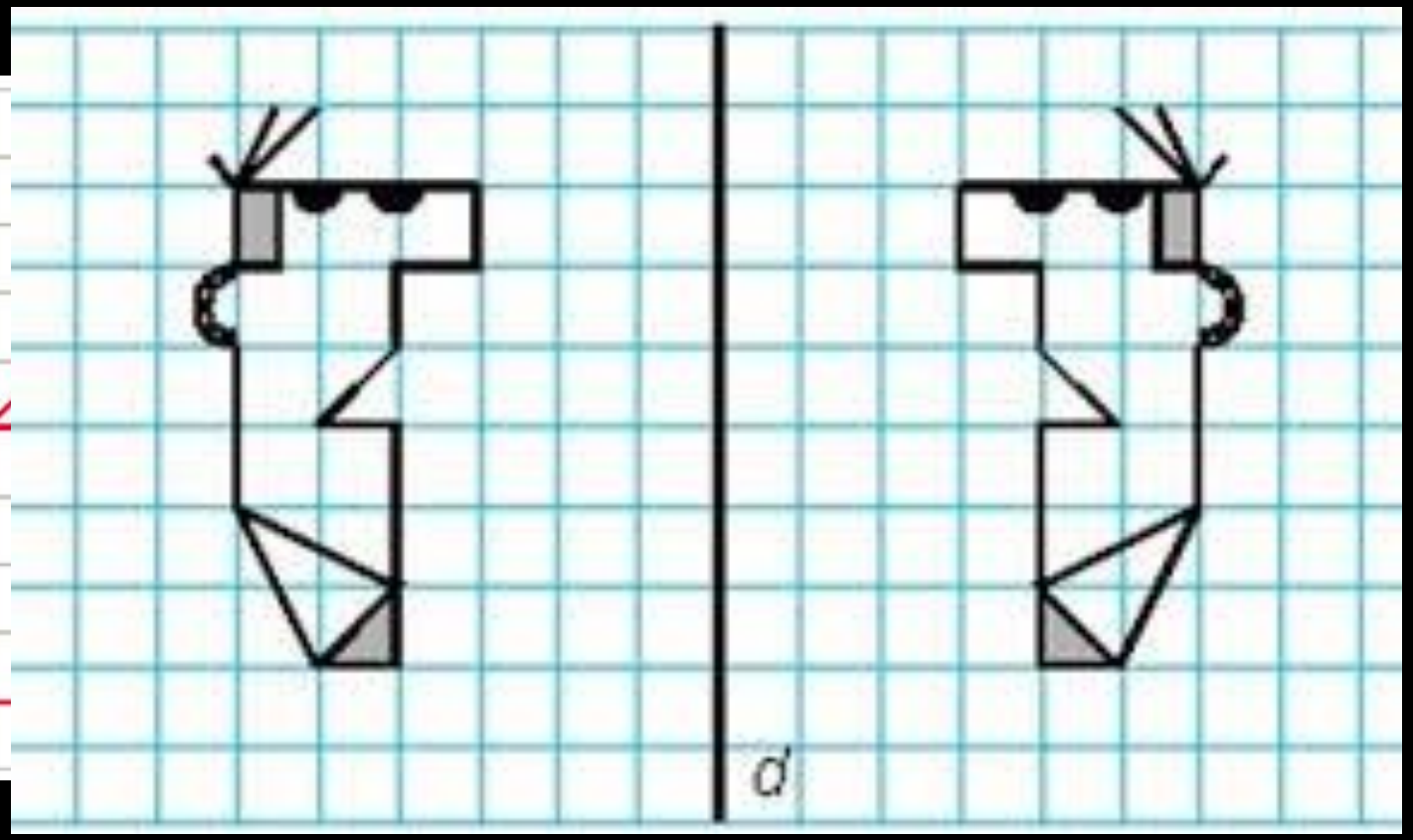

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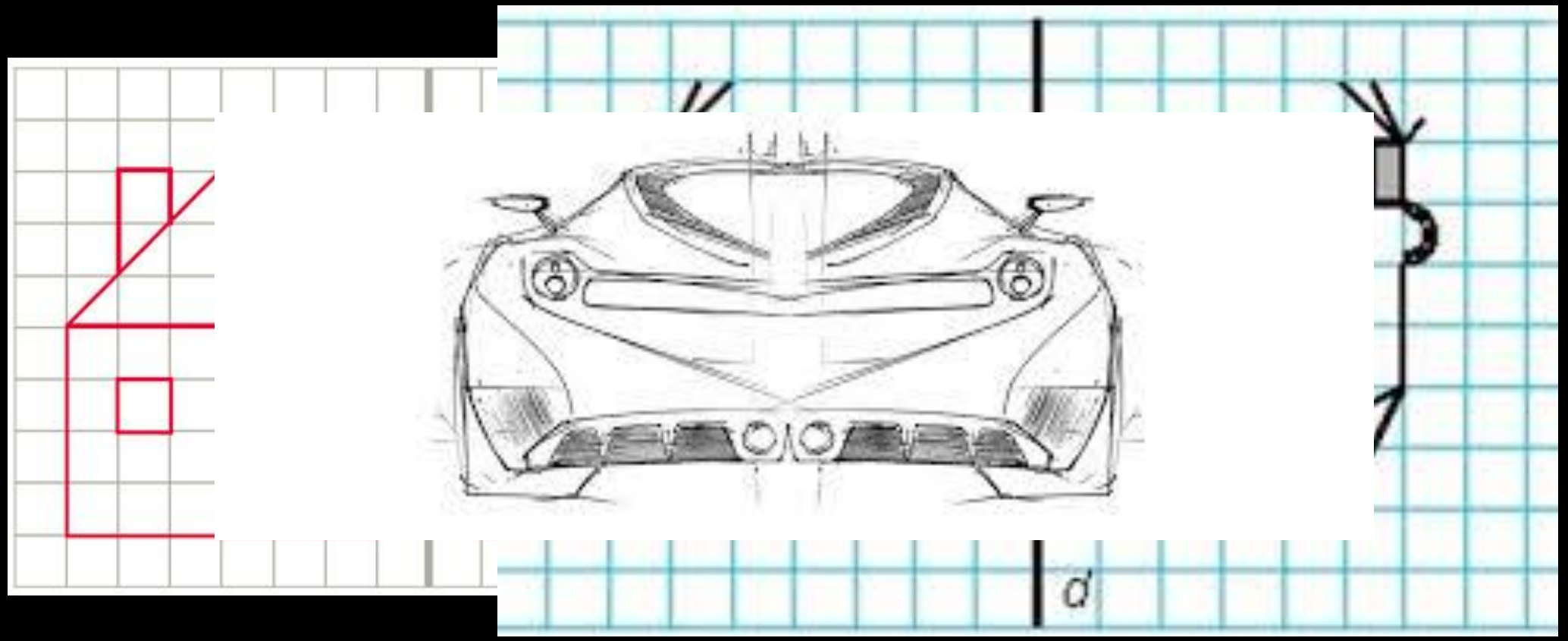

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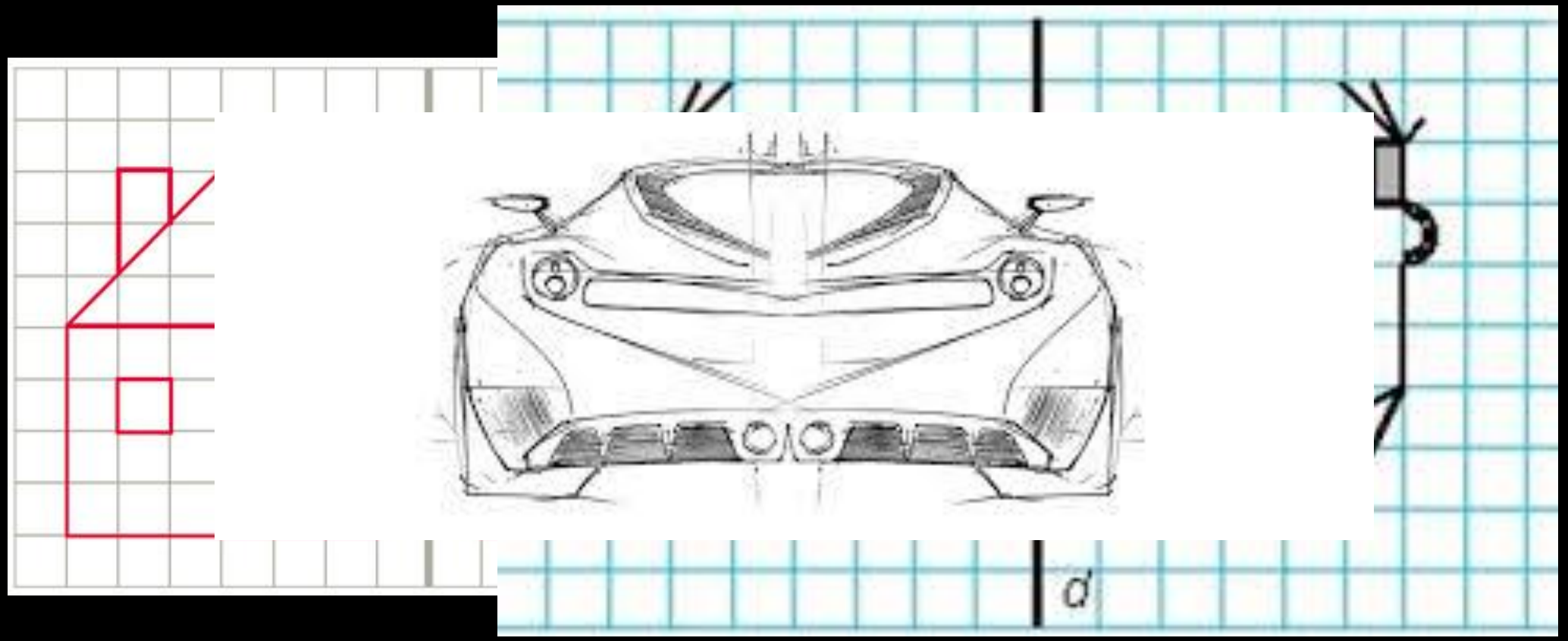

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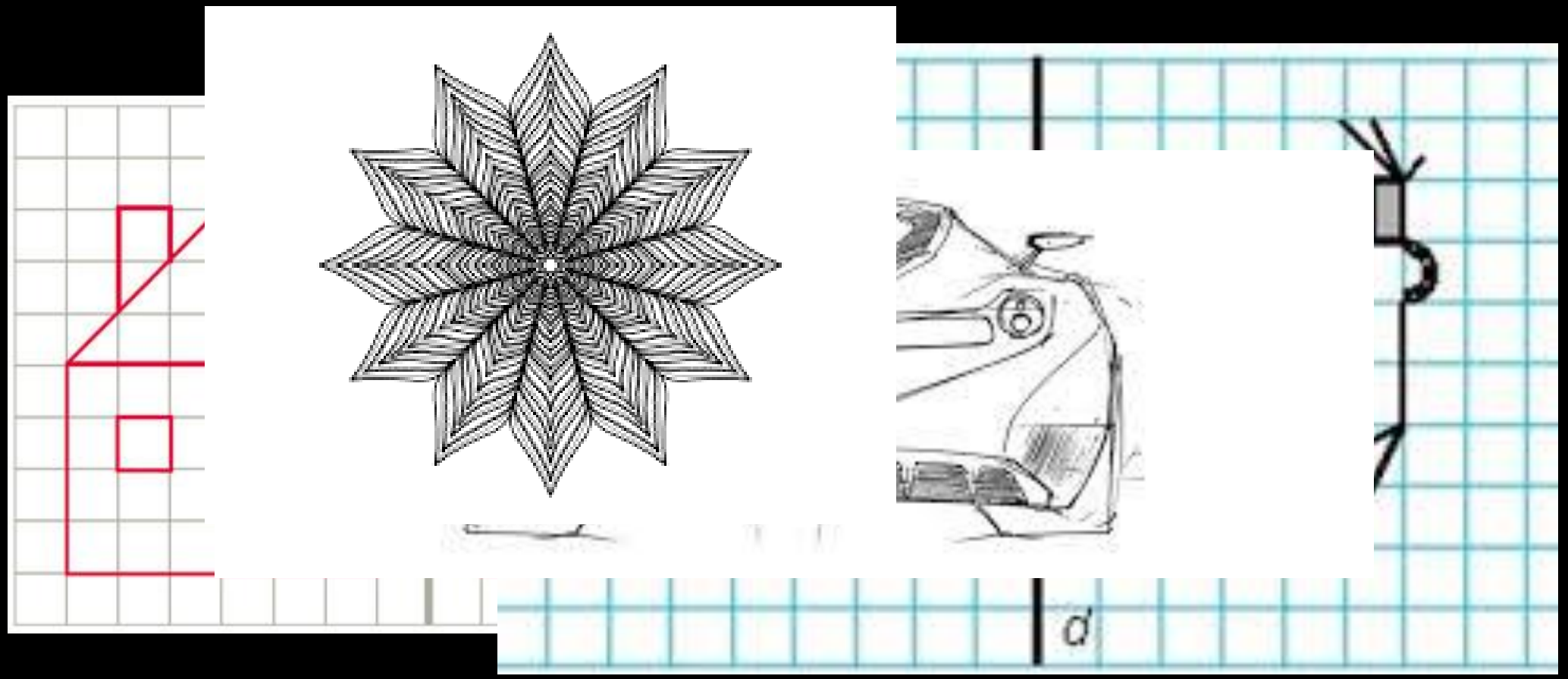
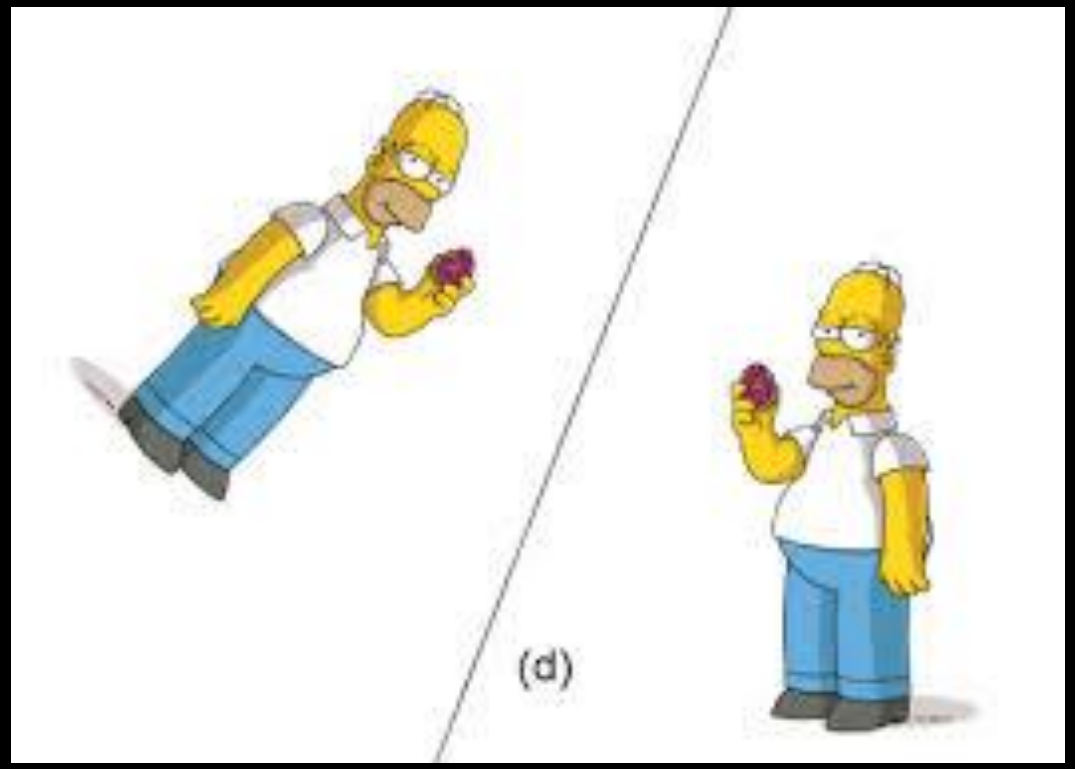


Kiti



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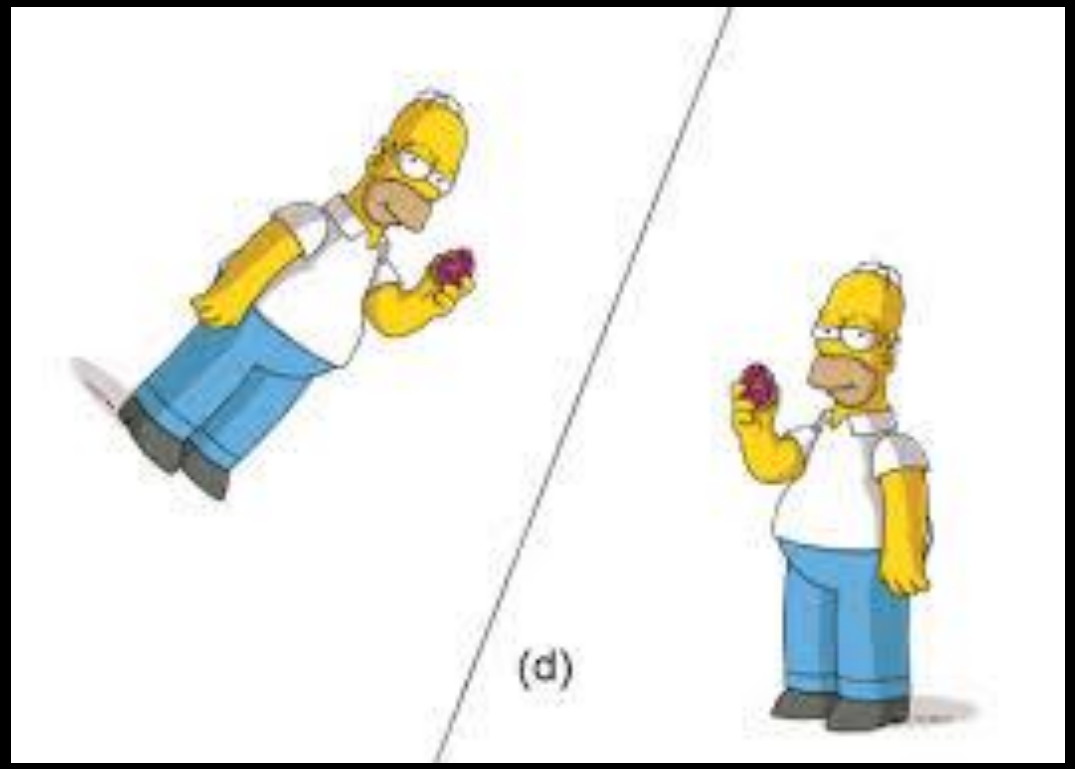

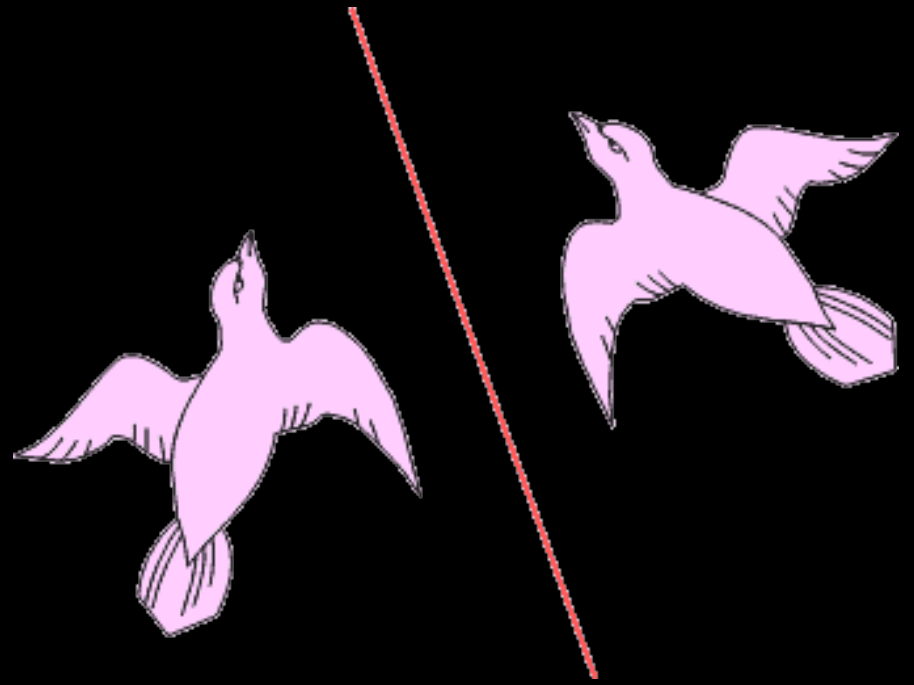

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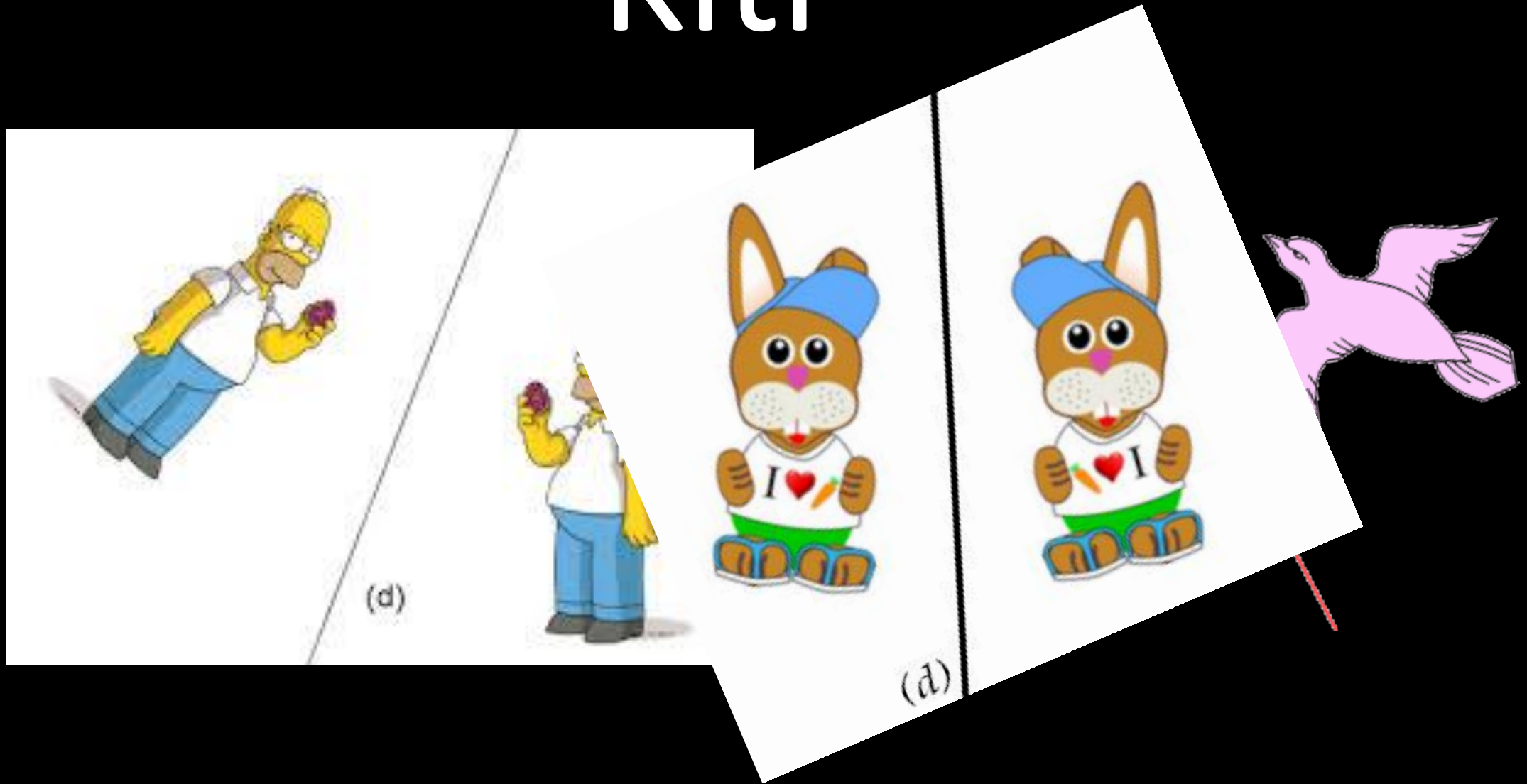

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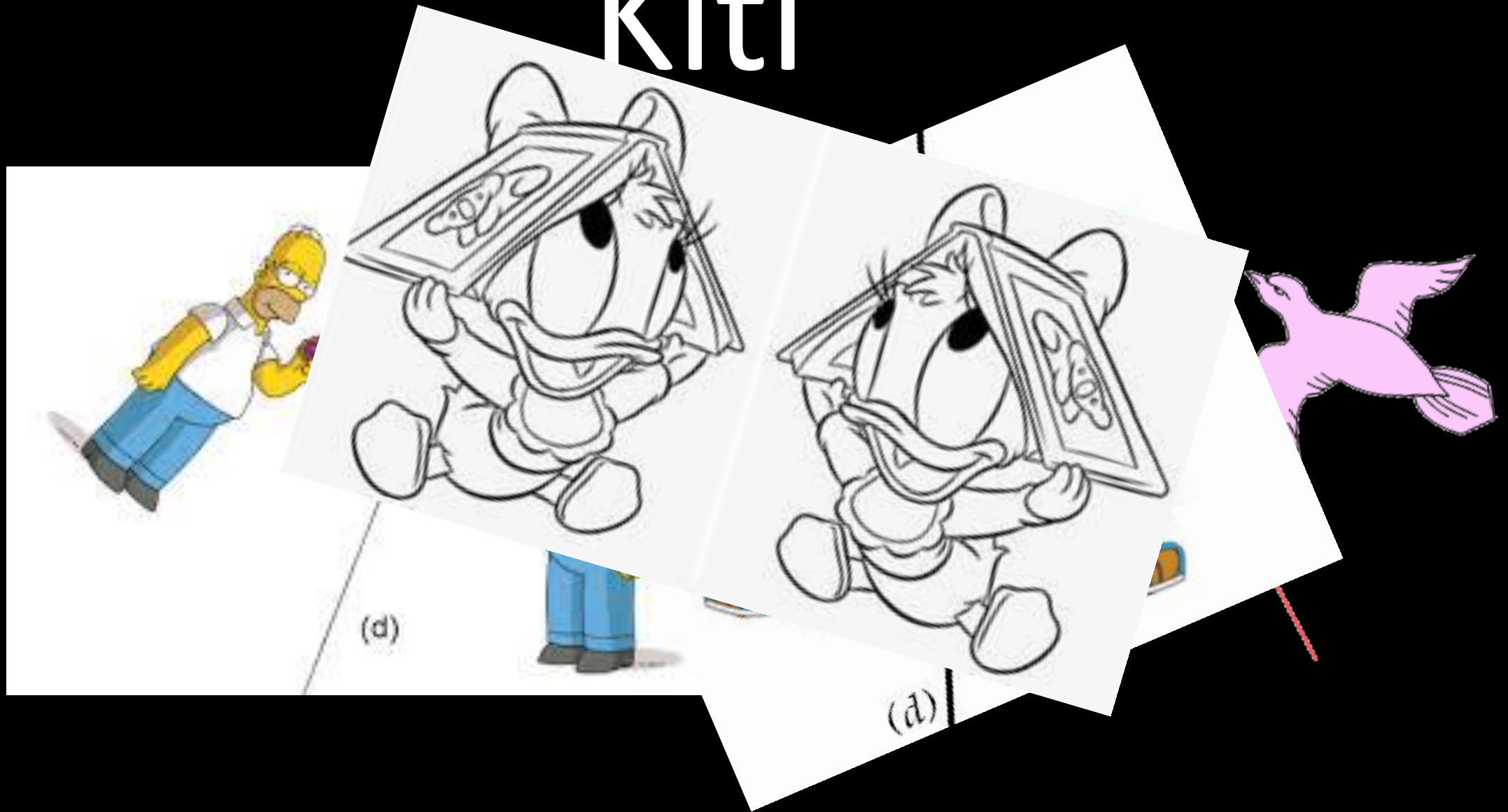
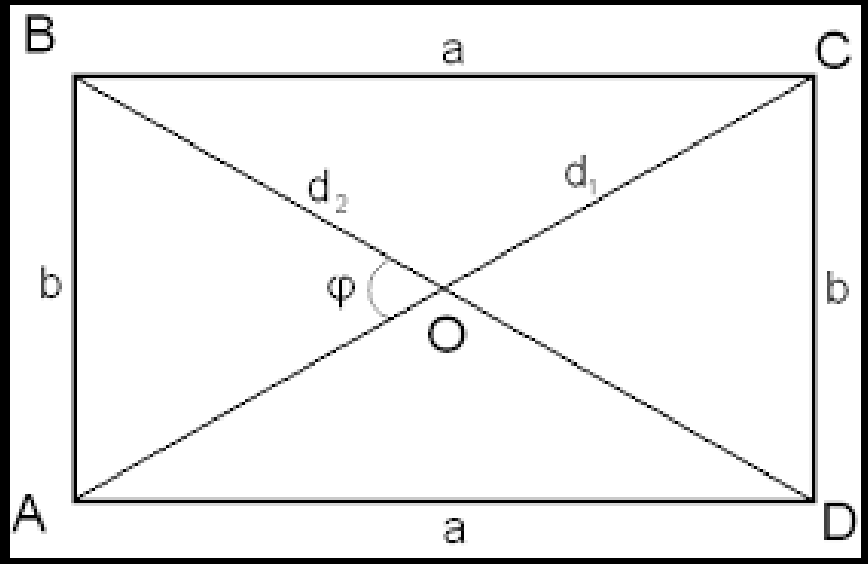
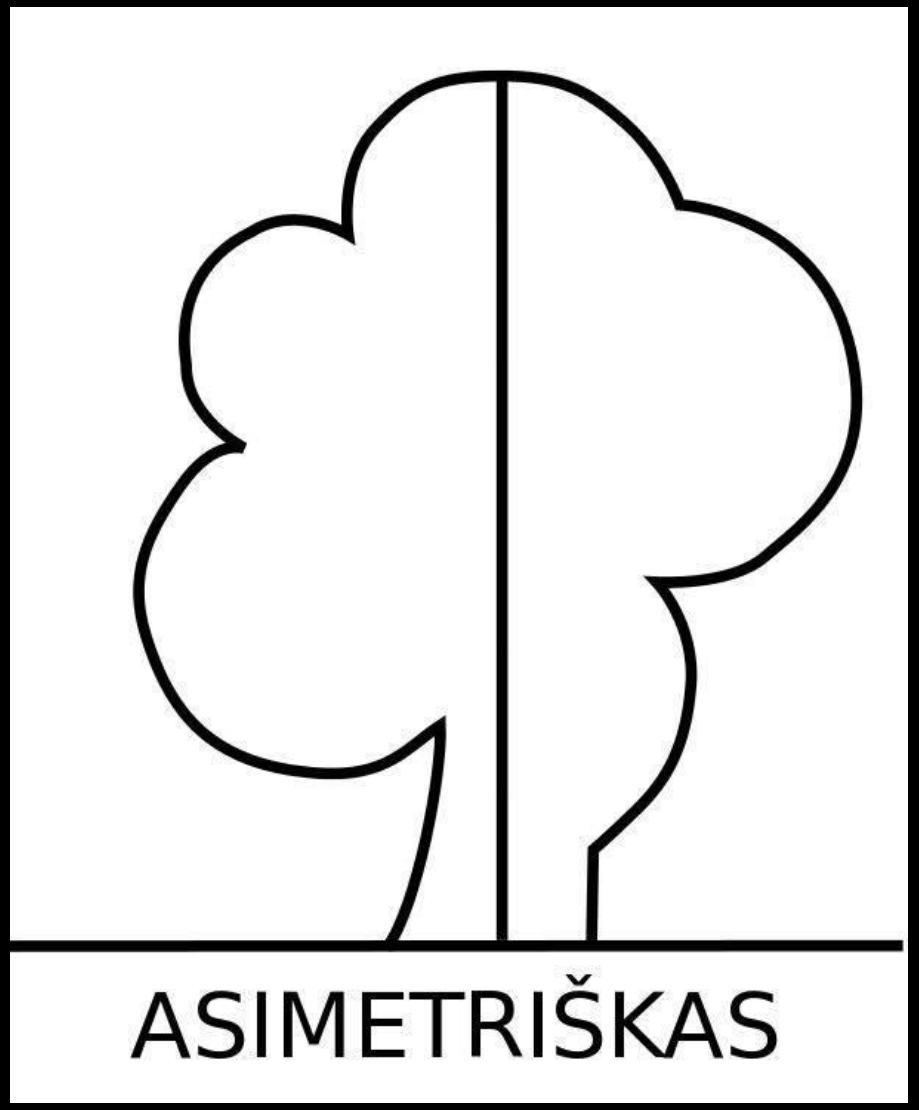


Figūros turinčios simetrijos ašis

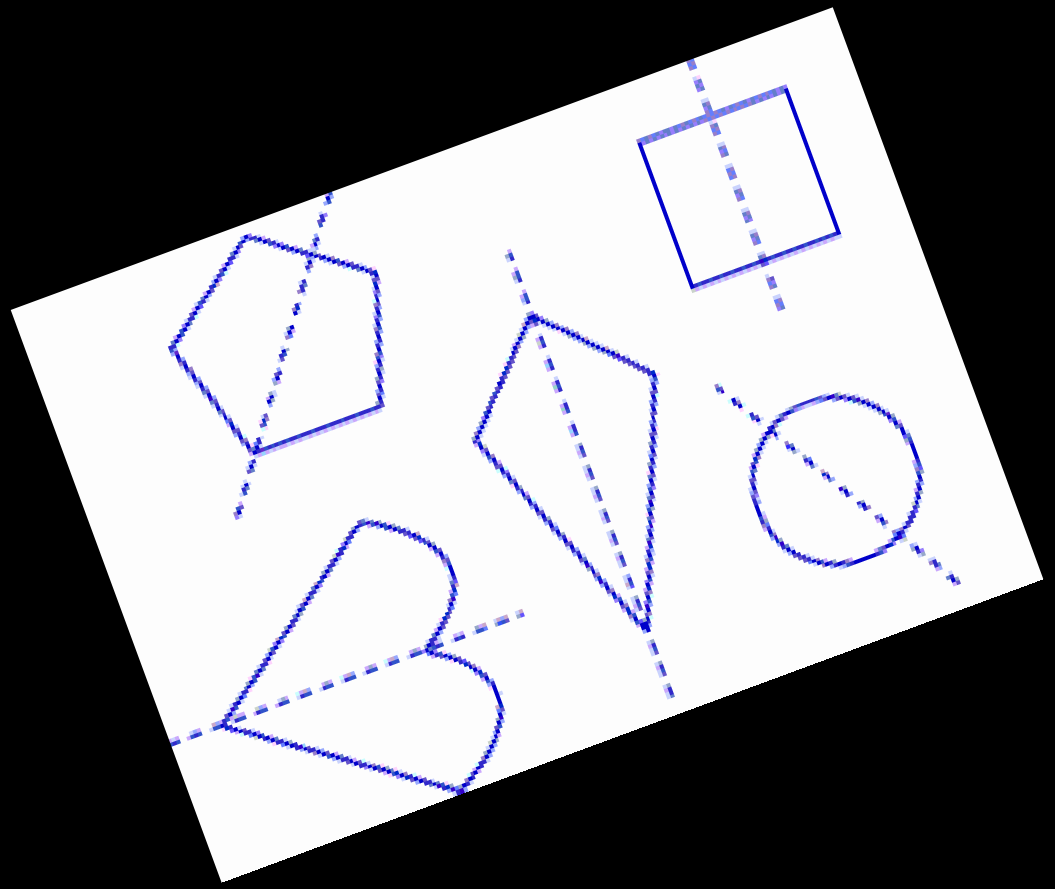
Tiesė yra figūros simetrijos ašis, jeigu sulenkus lapą per tą tiesę, abejose tiesės pusėse esančios figūros dalys sutampa.

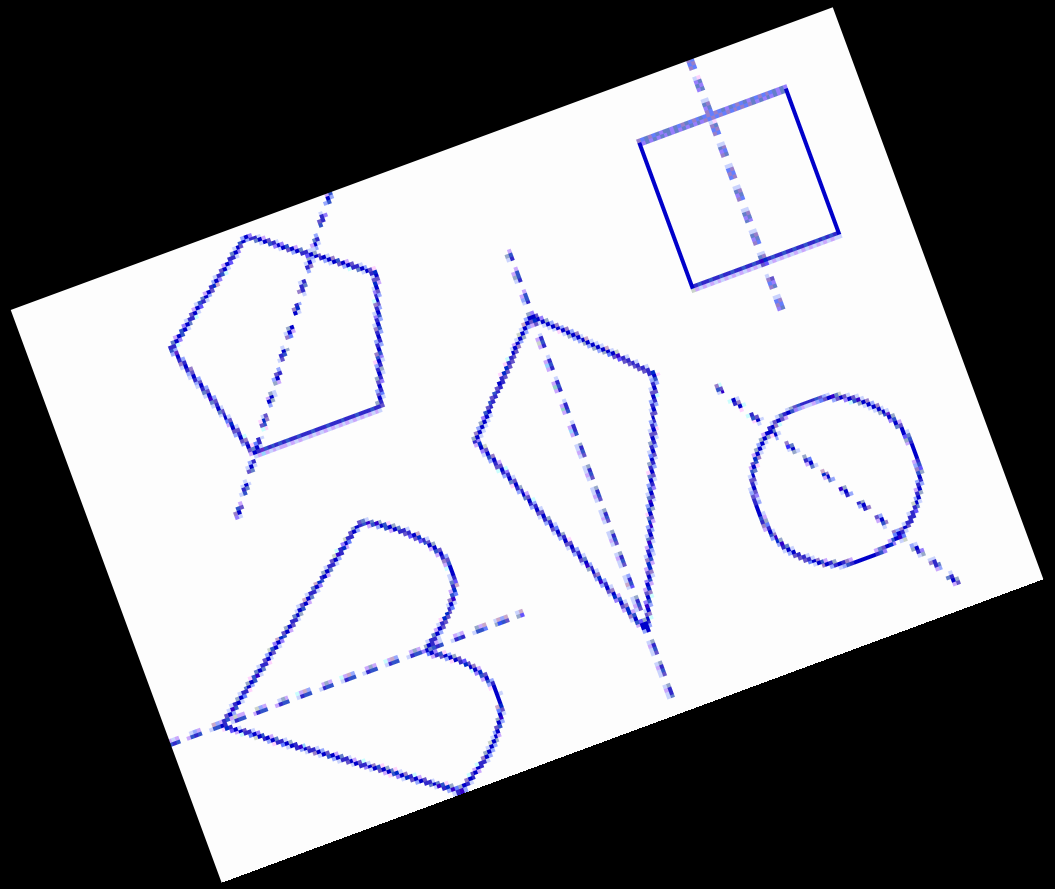


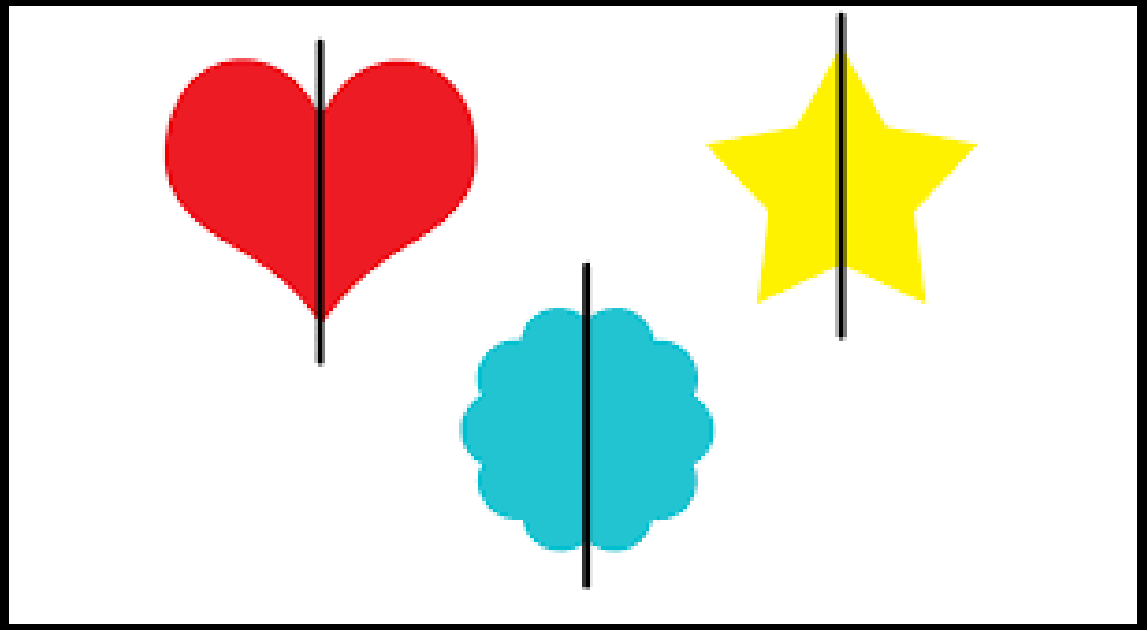
Kai kurios figūros gali turėti net kelias simetrijos ašis, o kai kurios neturi nė vienos

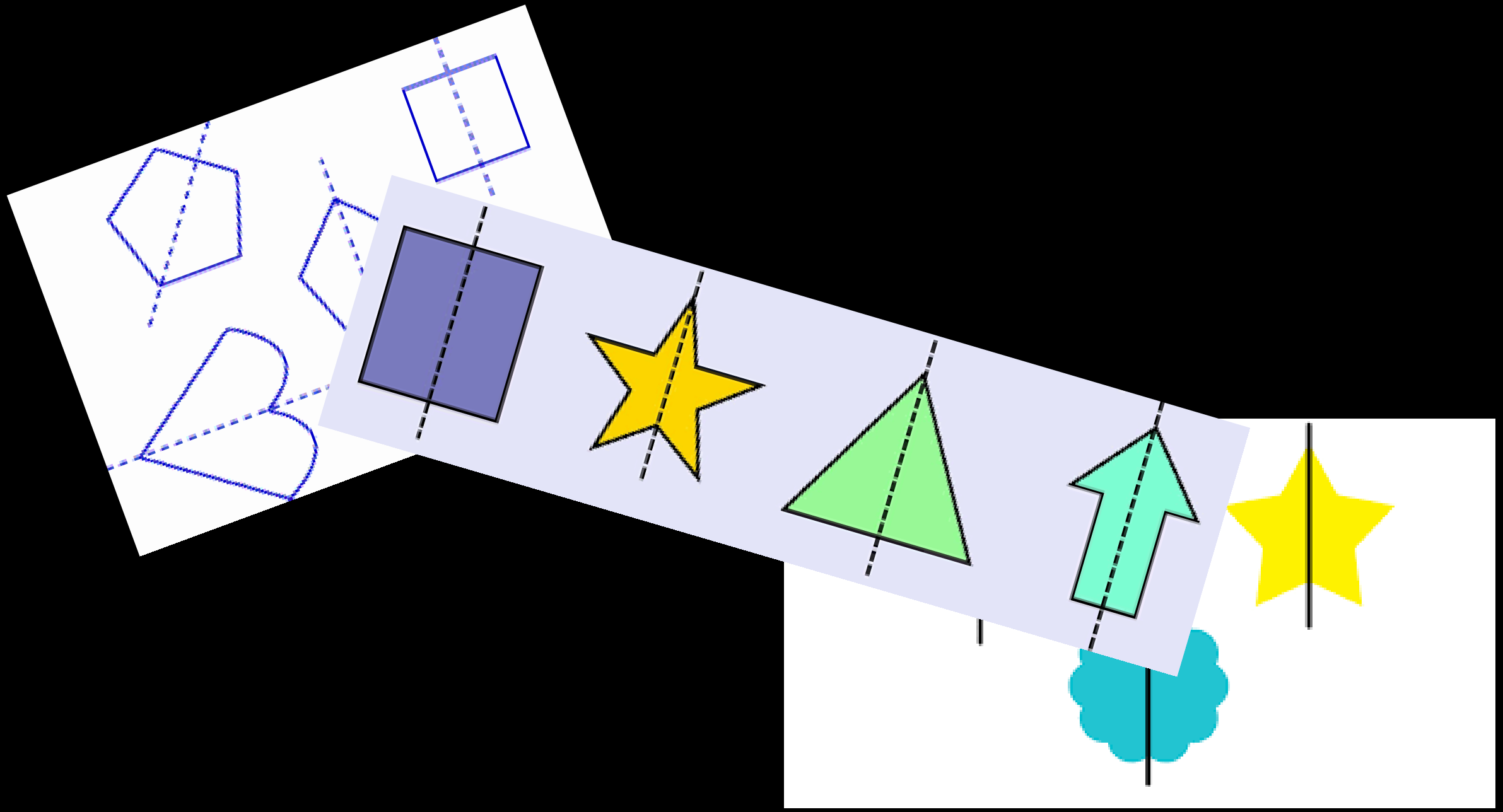


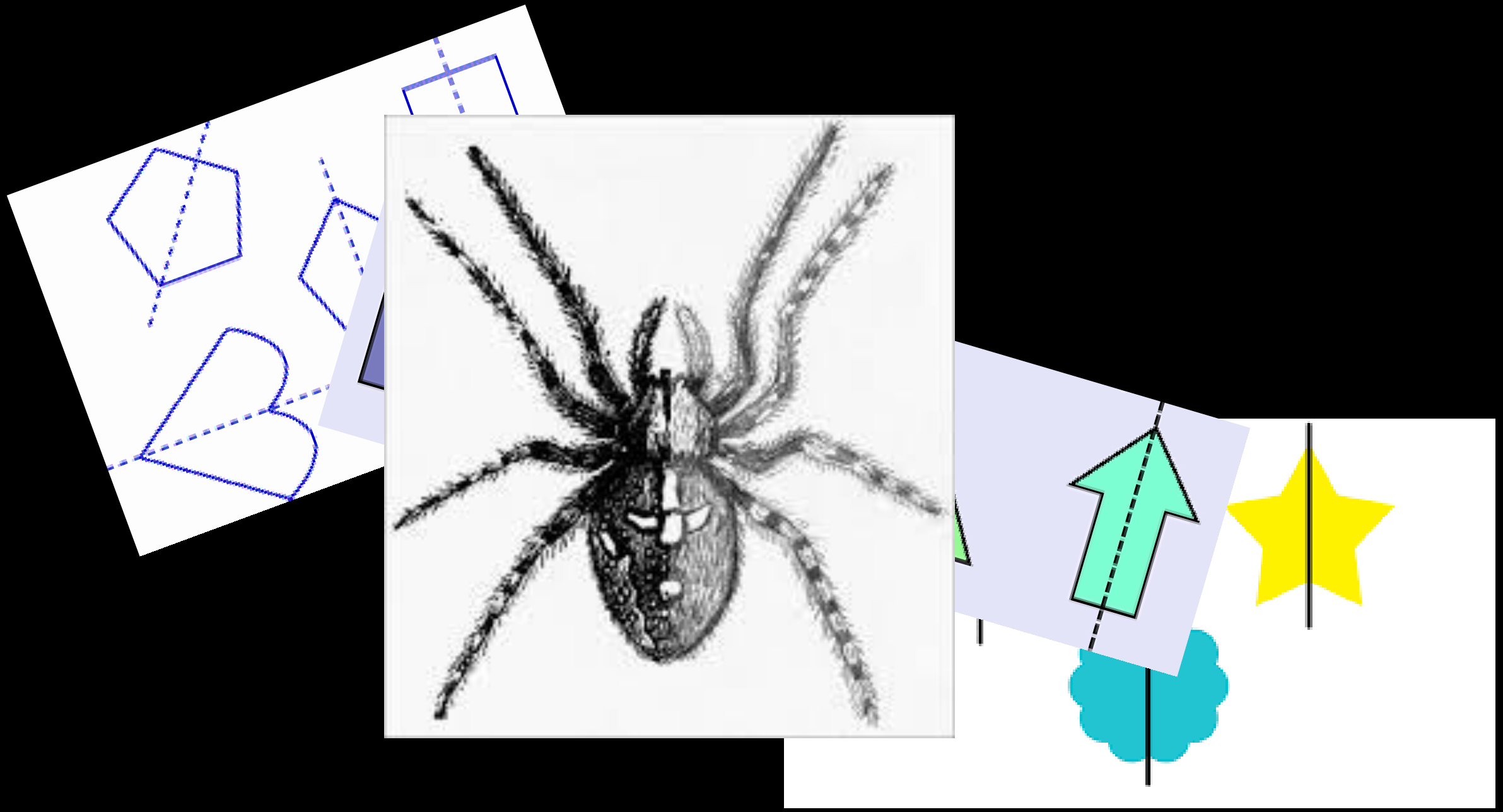
Pavyzdžiai

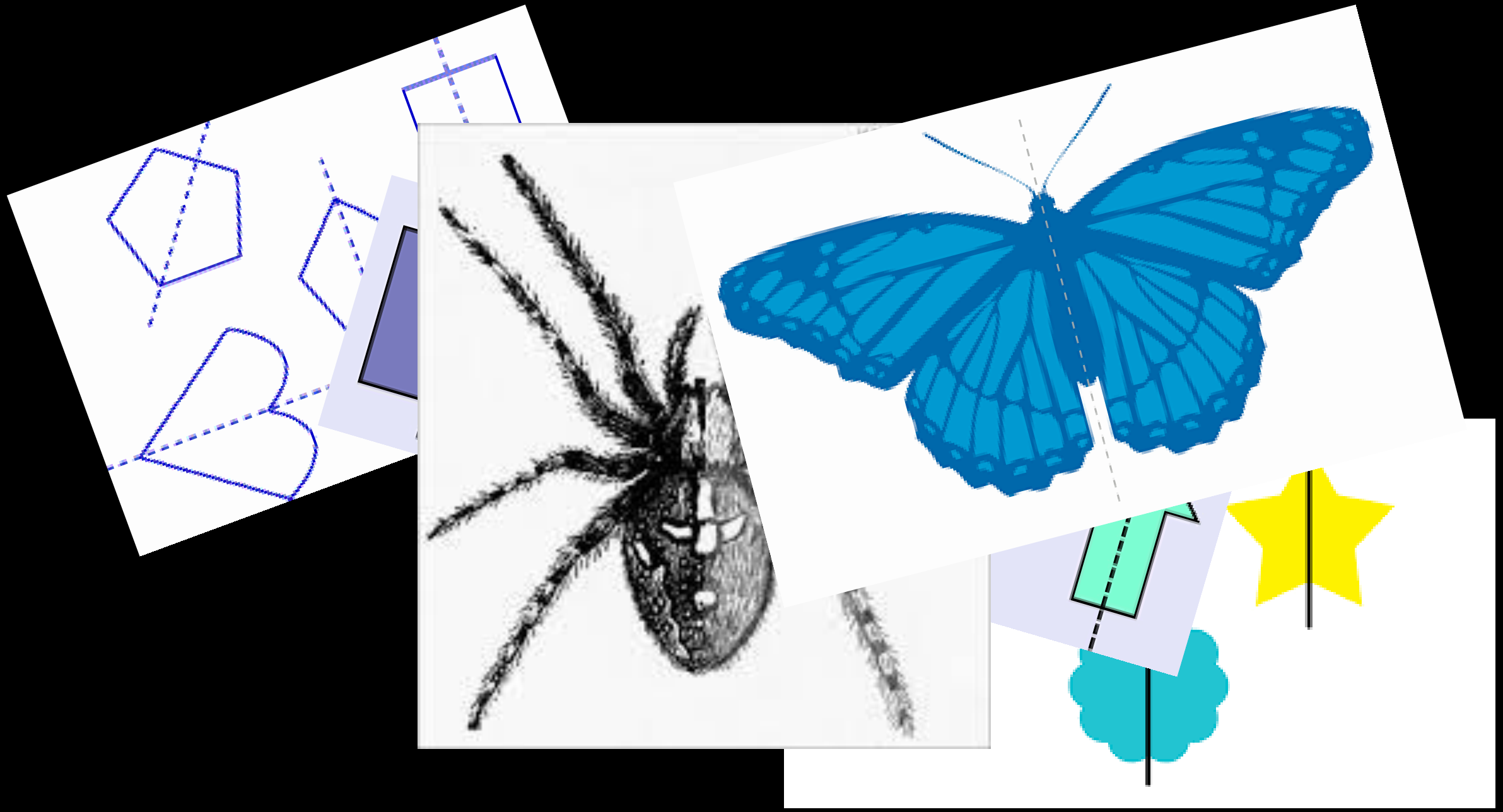


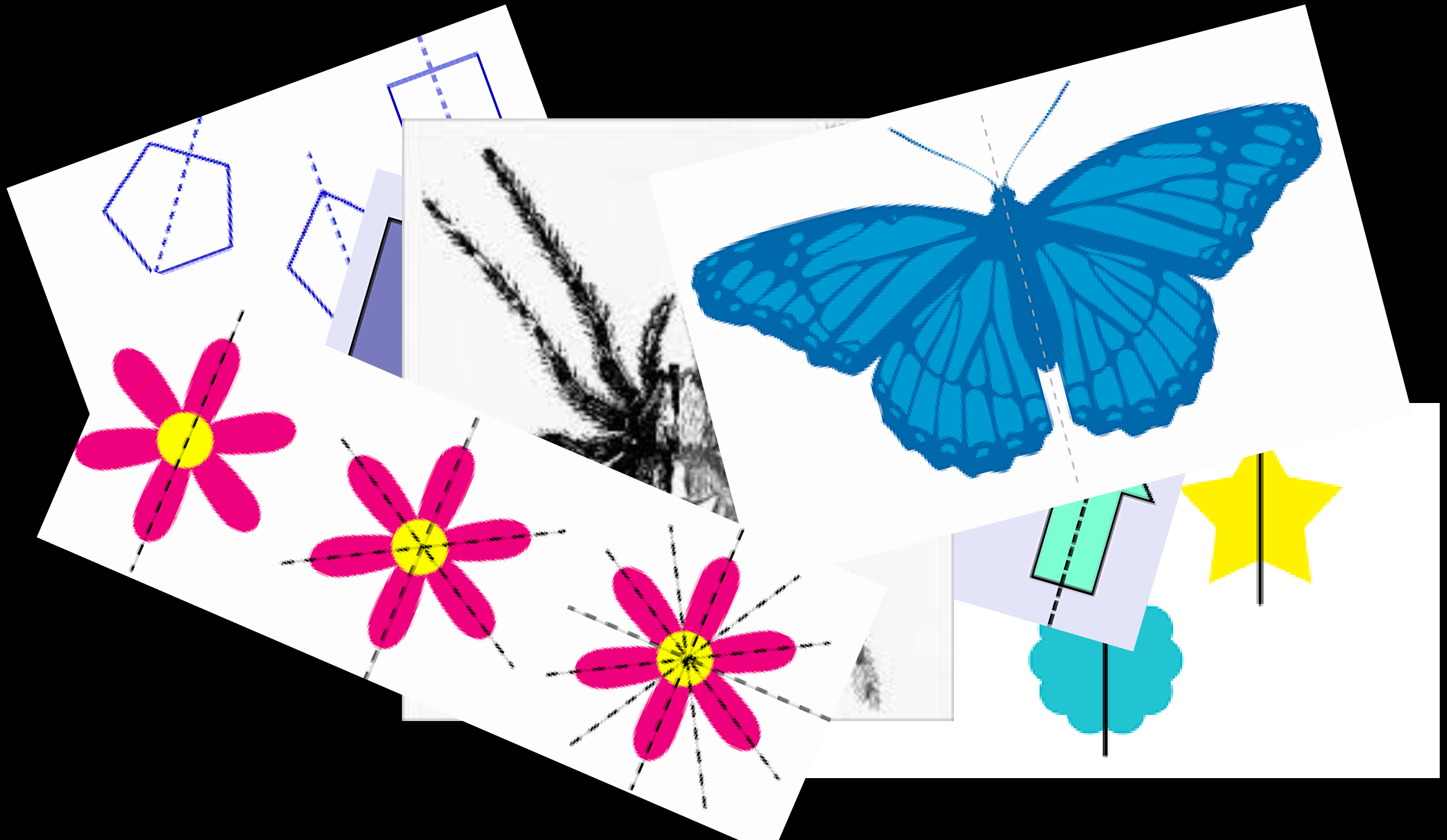


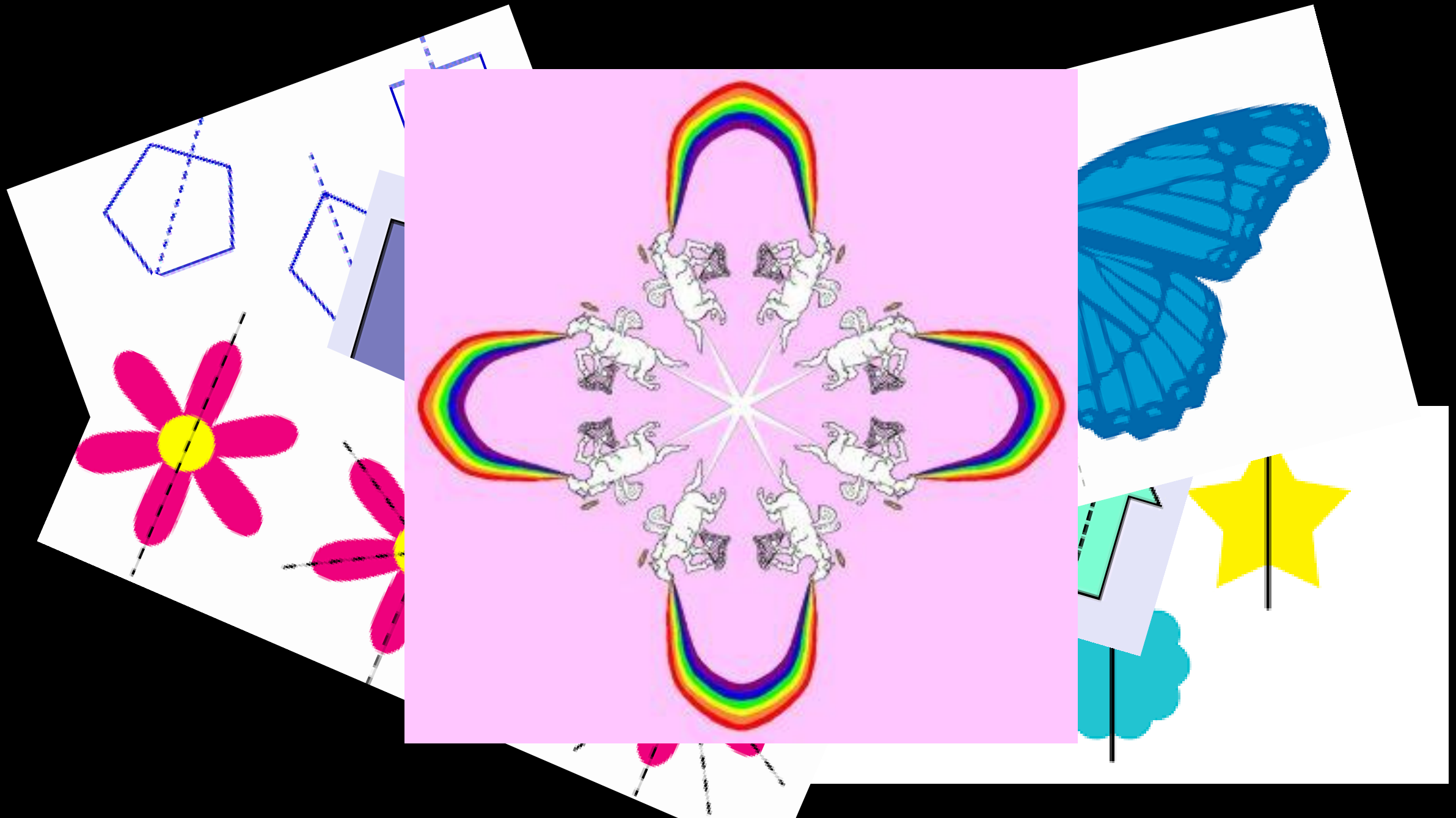












Taško atžvilgiu

Dvi figūros yra simetriškos taško atžvilgiu, jeigu pasukus vieną figūrą 180 laipsnių kampu, figūros sutampa.

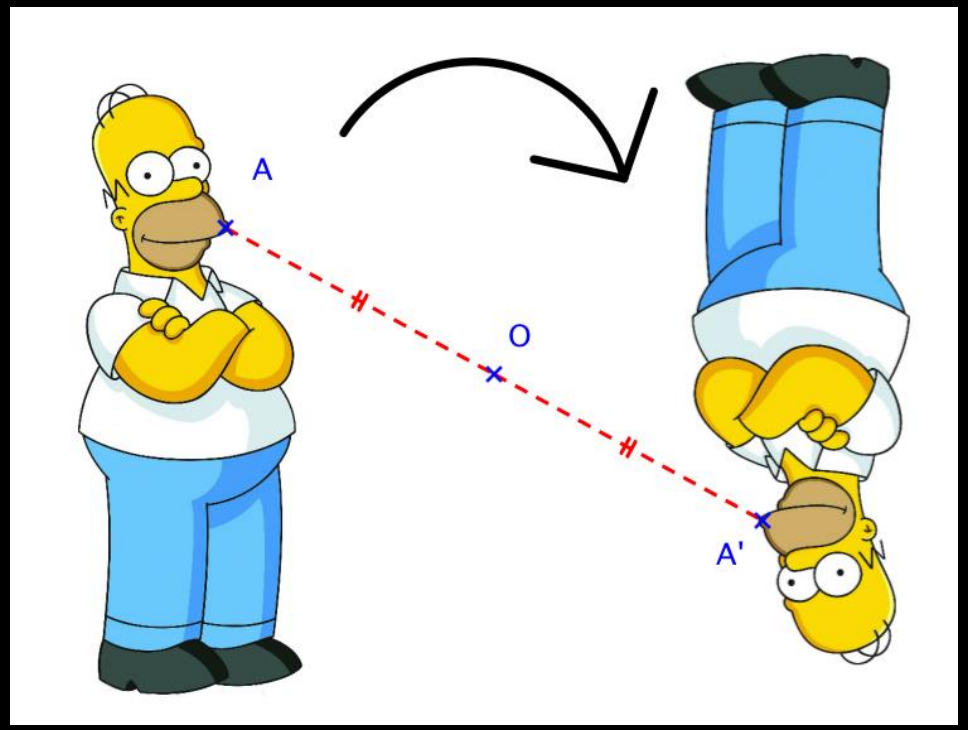
Pavyzdžiai

Gamtoje

Gamtoje

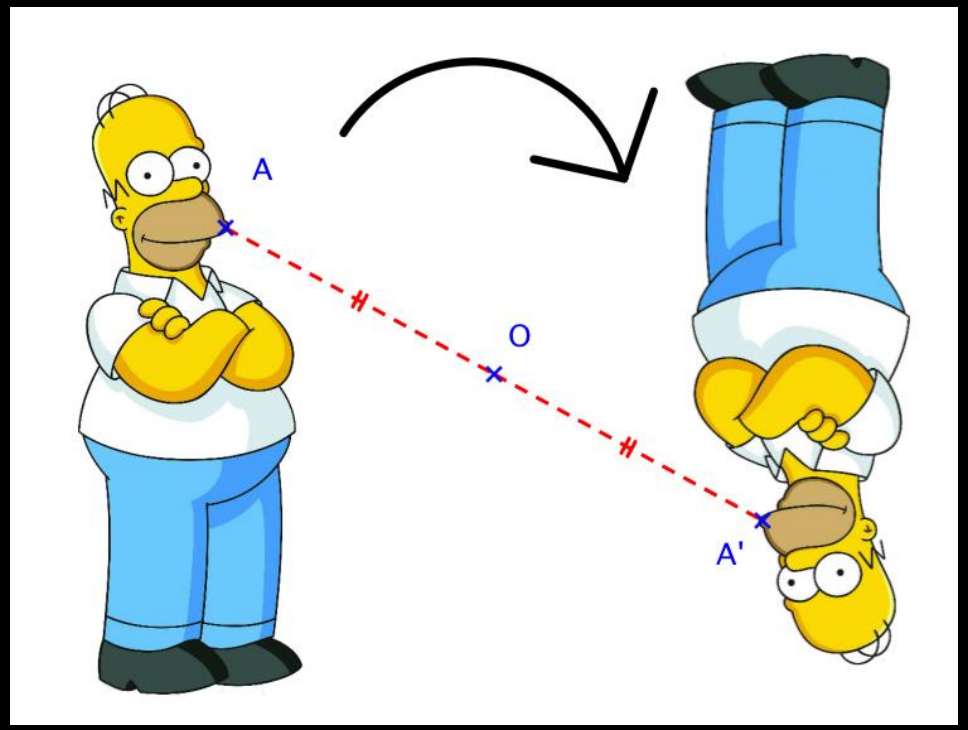
Gamtoje

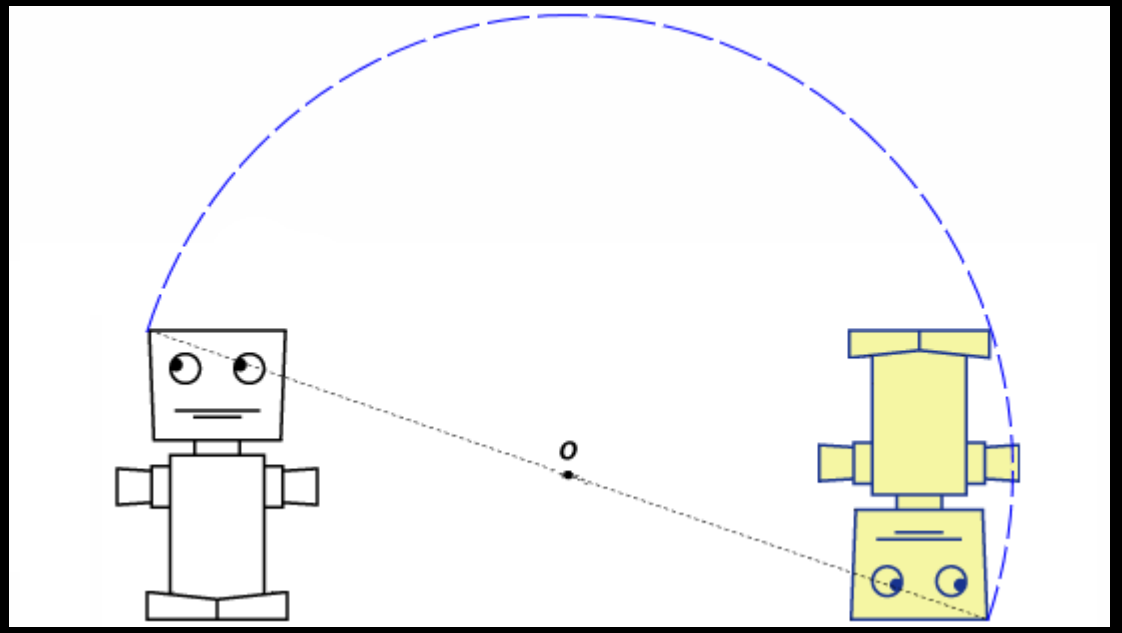
Gamtoje



Kiti

Kiti





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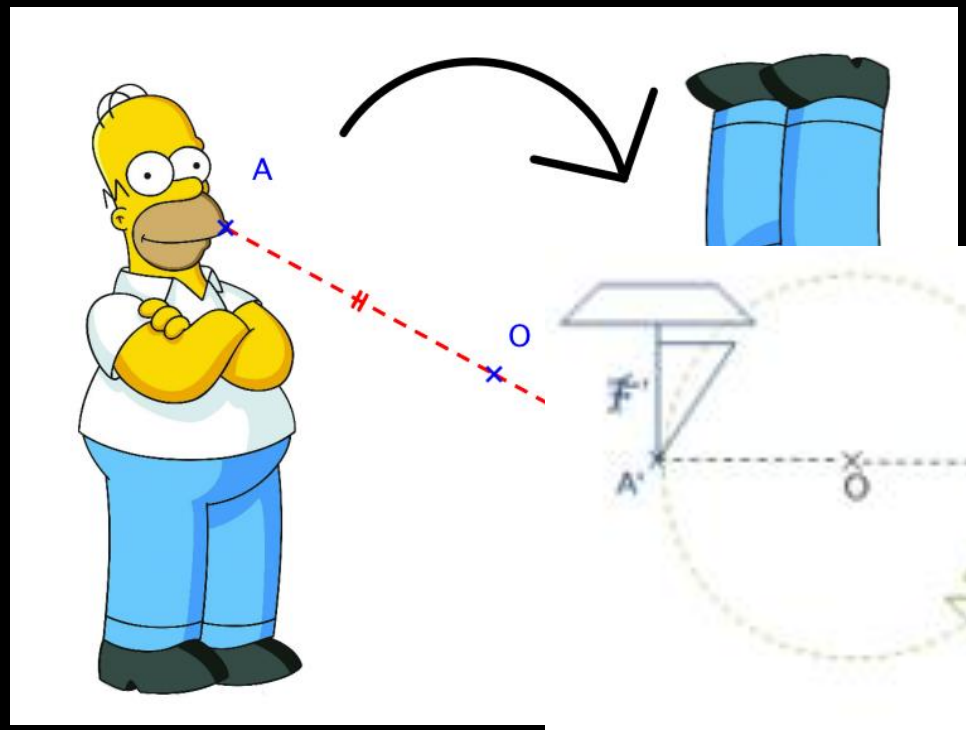

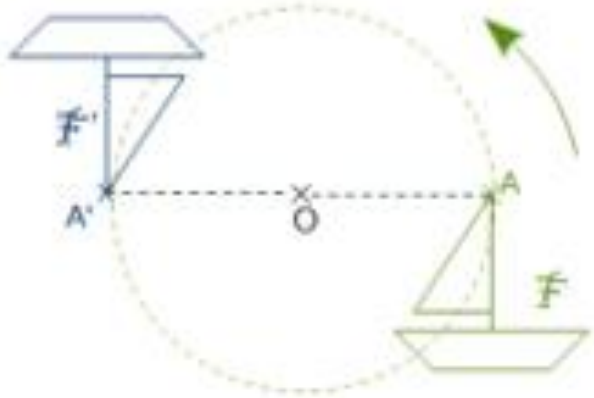

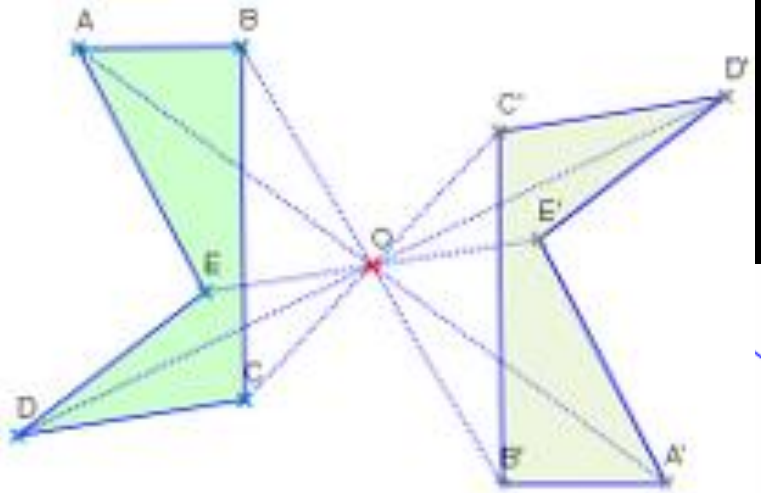

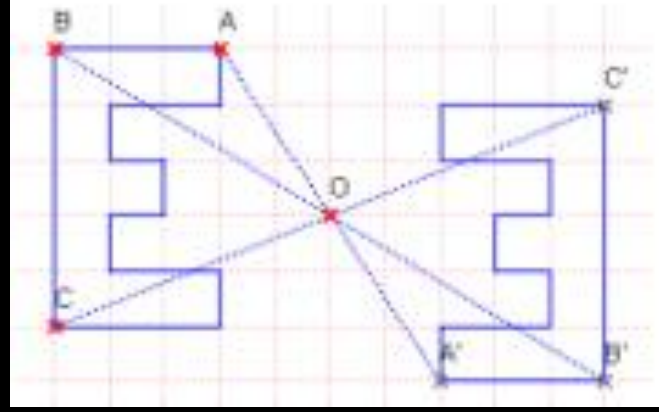

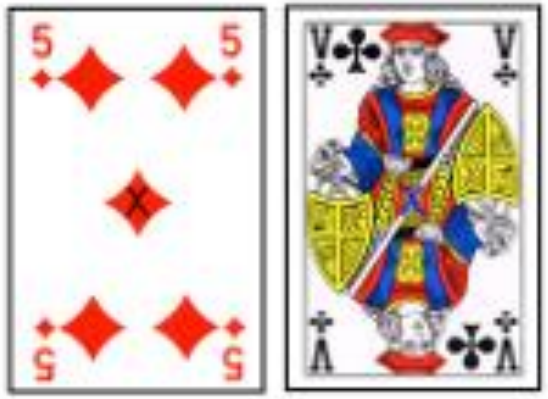

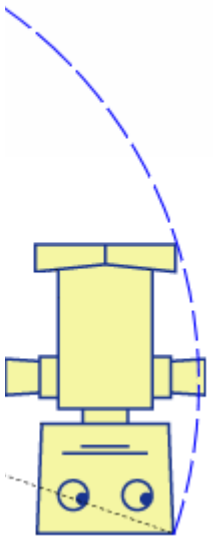

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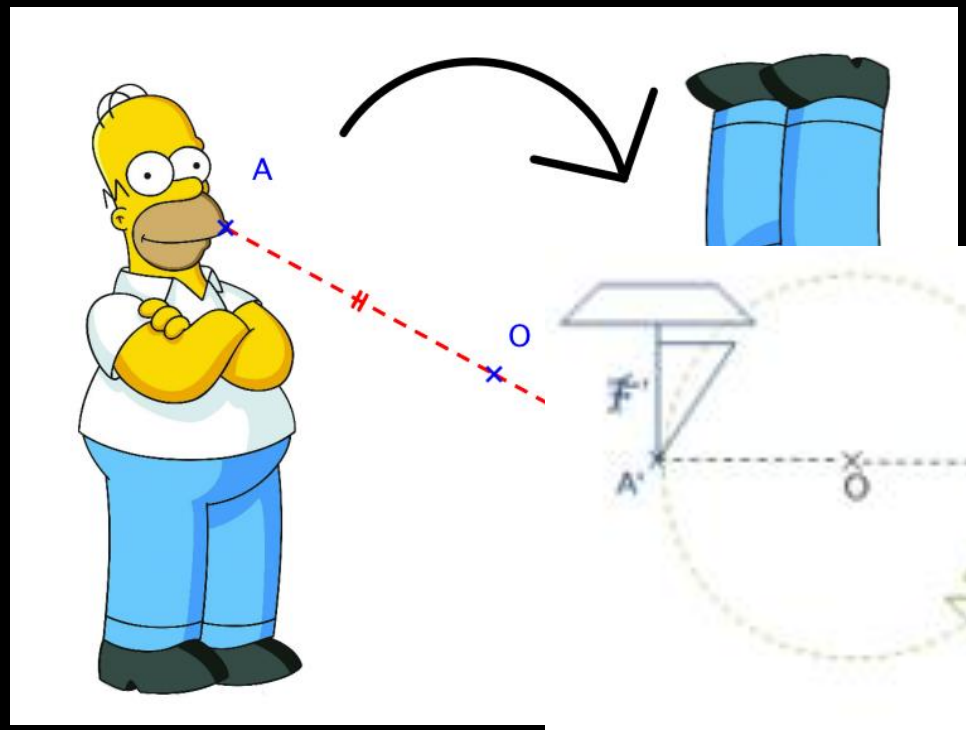
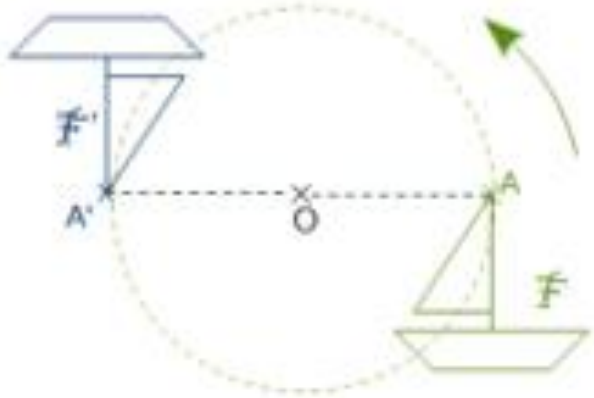
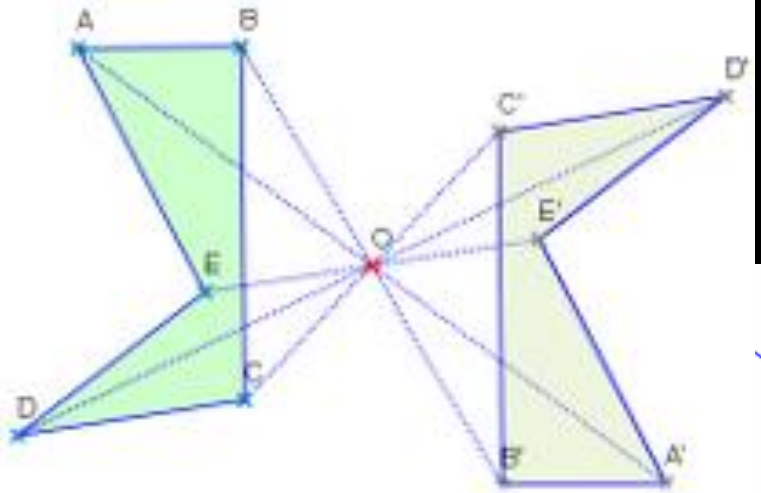
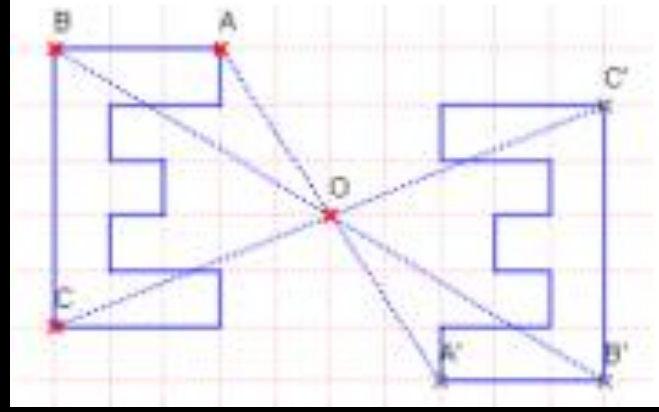
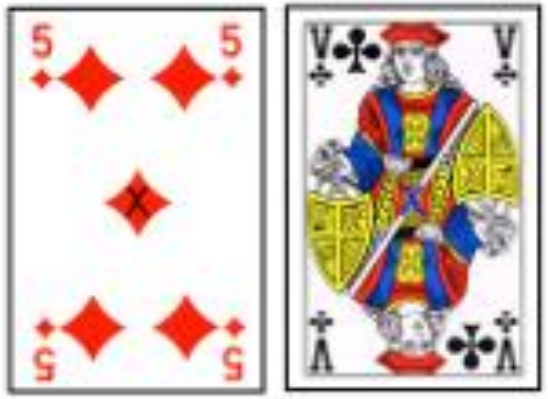
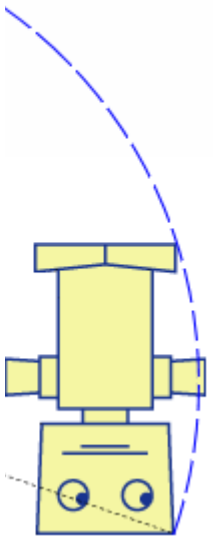








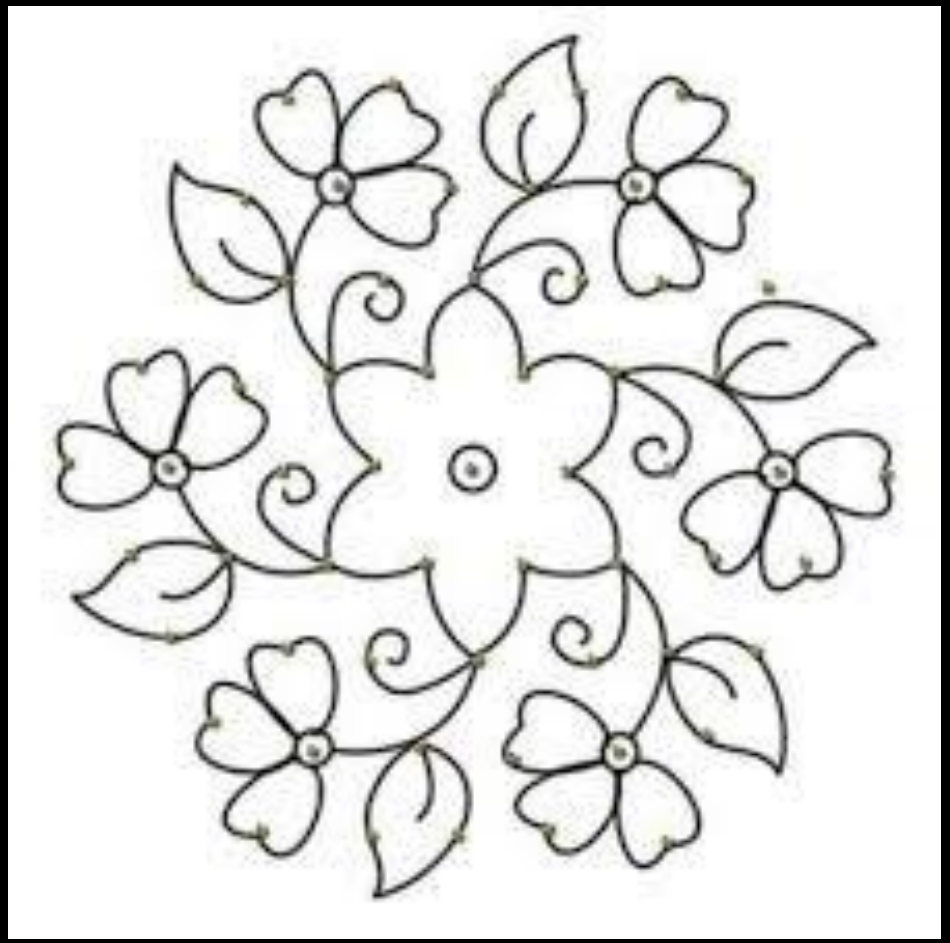


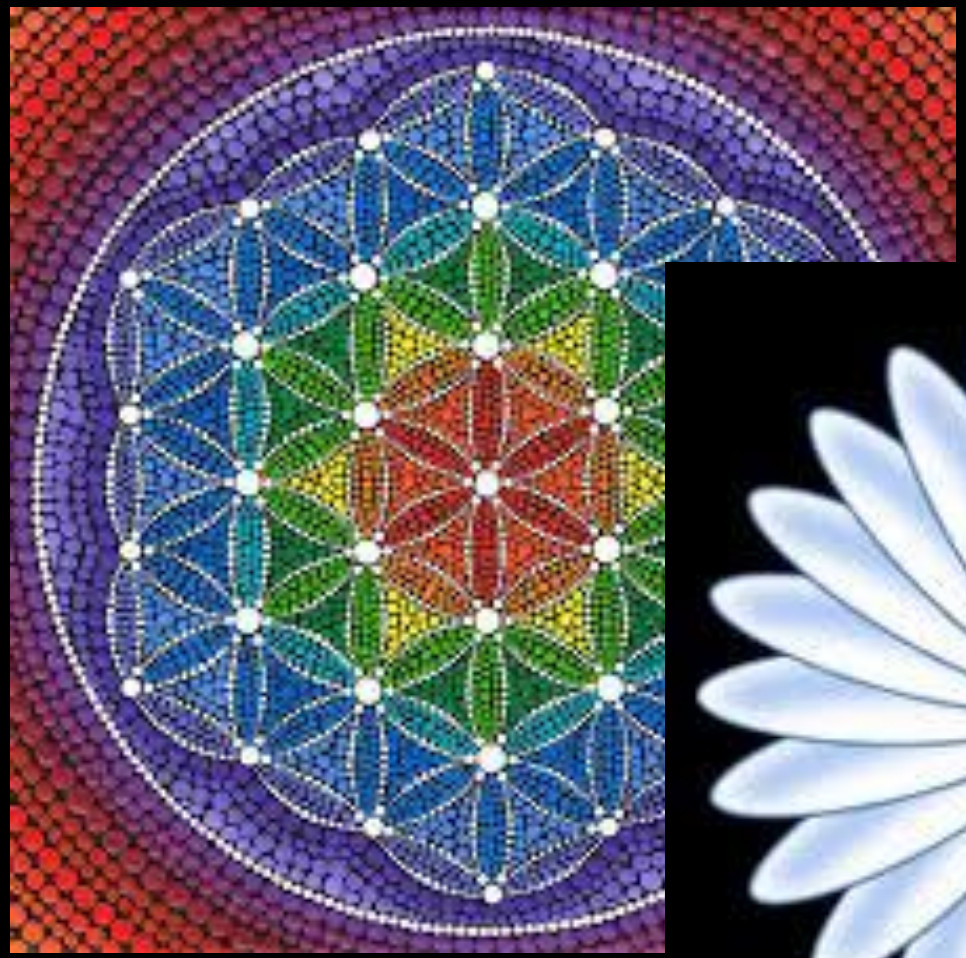


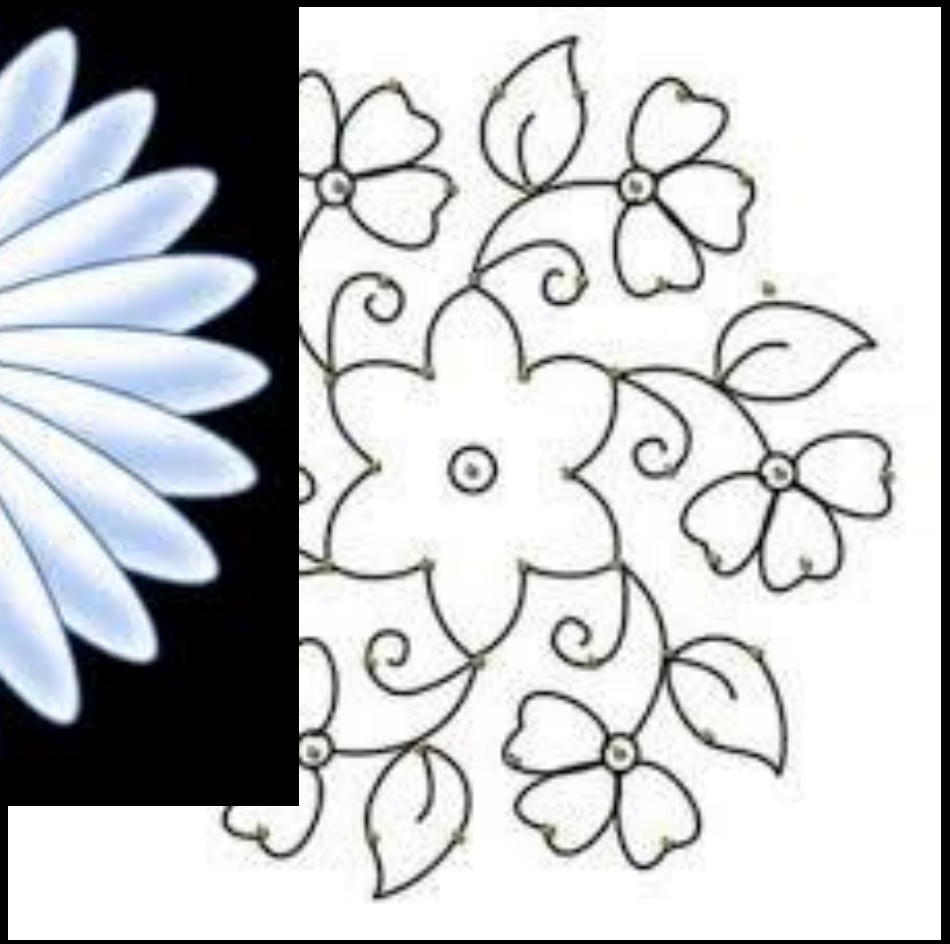
Figūros turinčios simetrijos centrą

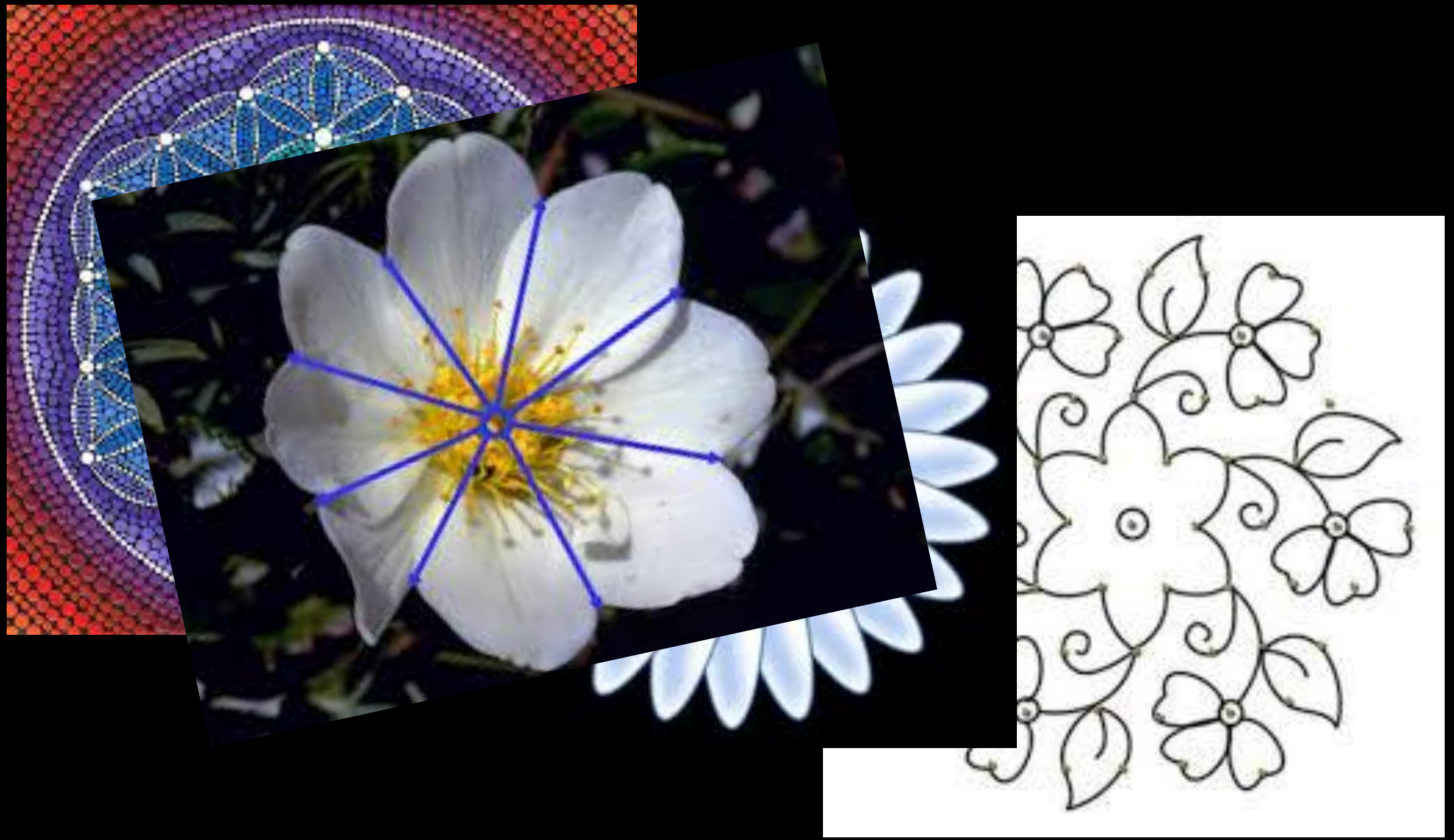
Taškas yra figūros simetrijos centras, jeigu pasukus figūrą 180 laipsnių kampu, figūra atsivaizduoja į save pačią.

Pavyzdžiai









Ačiū už dėmesį!:)