

MATEMATIKA

Lineære funksjoner

Dette undervisningsopplegget handler om å finne stigningstallet og konstantleddet til ulike lineære funksjoner.

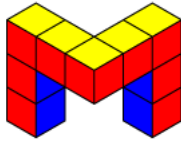
Sett elevene sammen i grupper på 3-5 elever og la dem samarbeide om å finne de to tallene ut fra grafene på illustrasjonene.

Utfordre elevene til å prøve å komme frem til formelen for stigningstallet (de må bruke punktene på grafene).

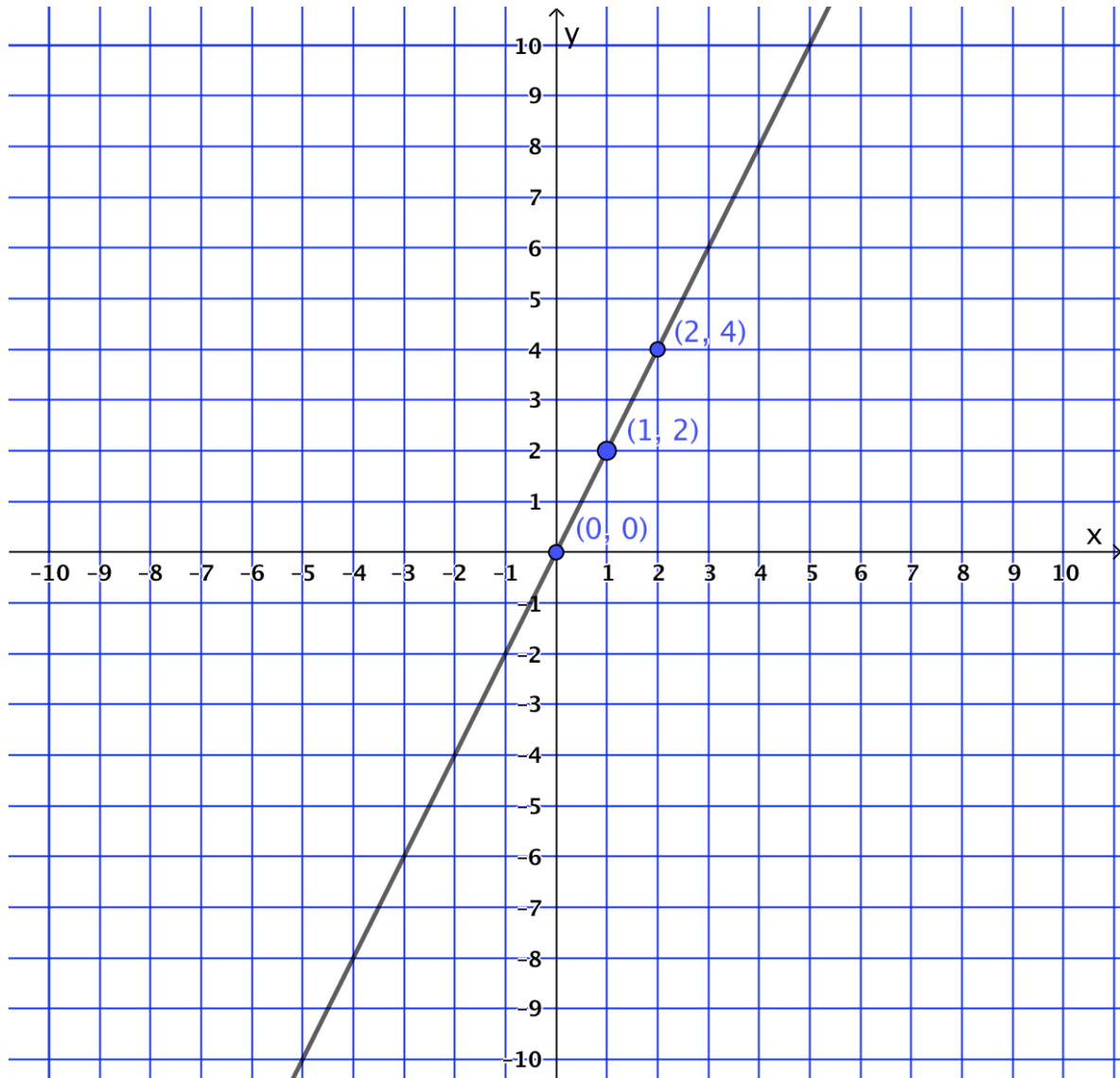
Formel: Stigningstallet $a = \frac{y_2 - y_1}{x_2 - x_1}$

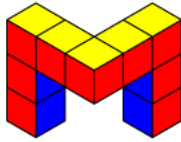
Refleksjonsoppgave: Hvorfor spiller det ingen rolle hva du velger som punkt 1 og punkt 2?

Her er det rom for å øve på matematiske begreper før, underveis og i etterkant av gruppearbeidet.

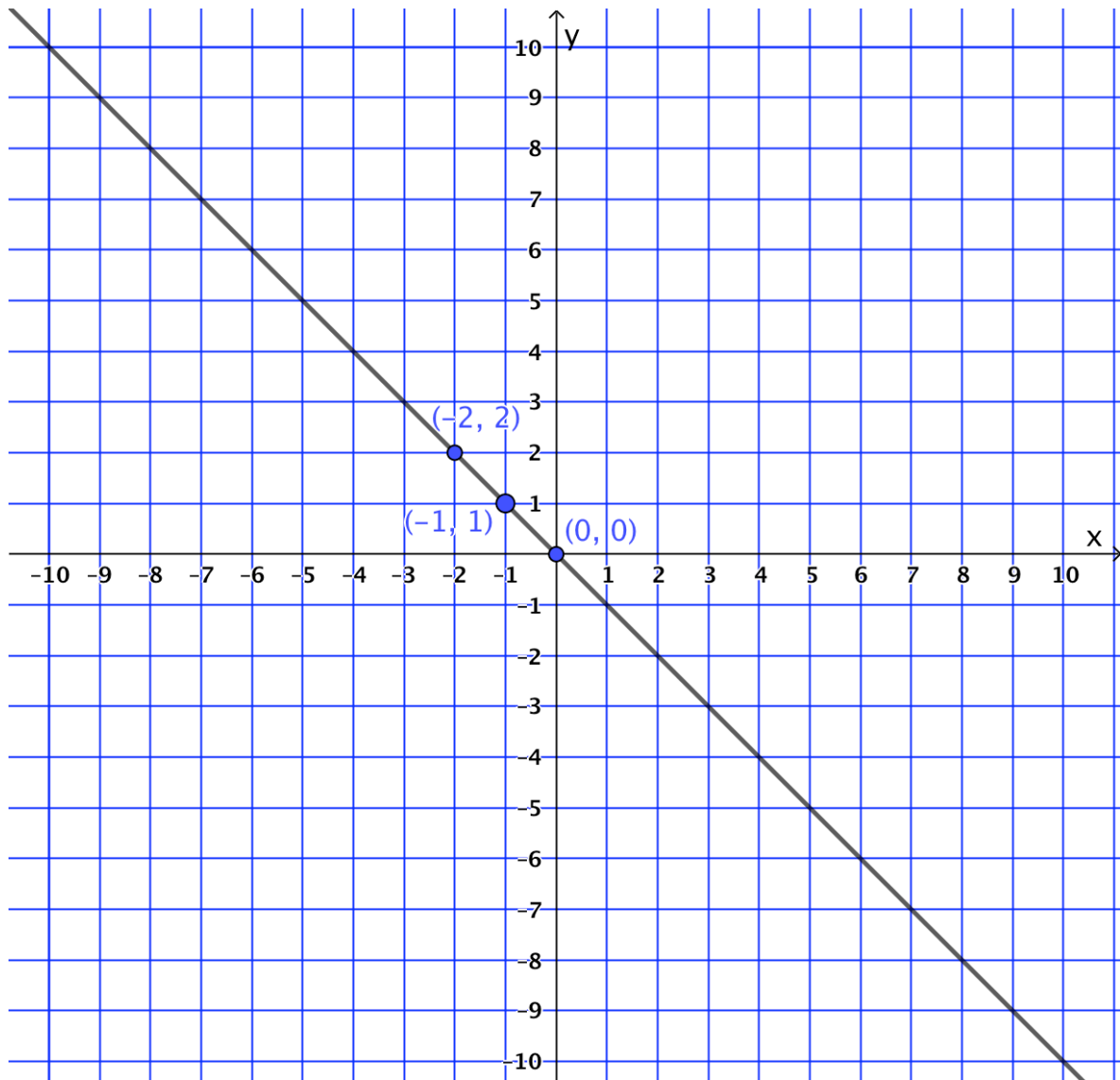


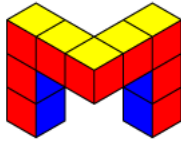
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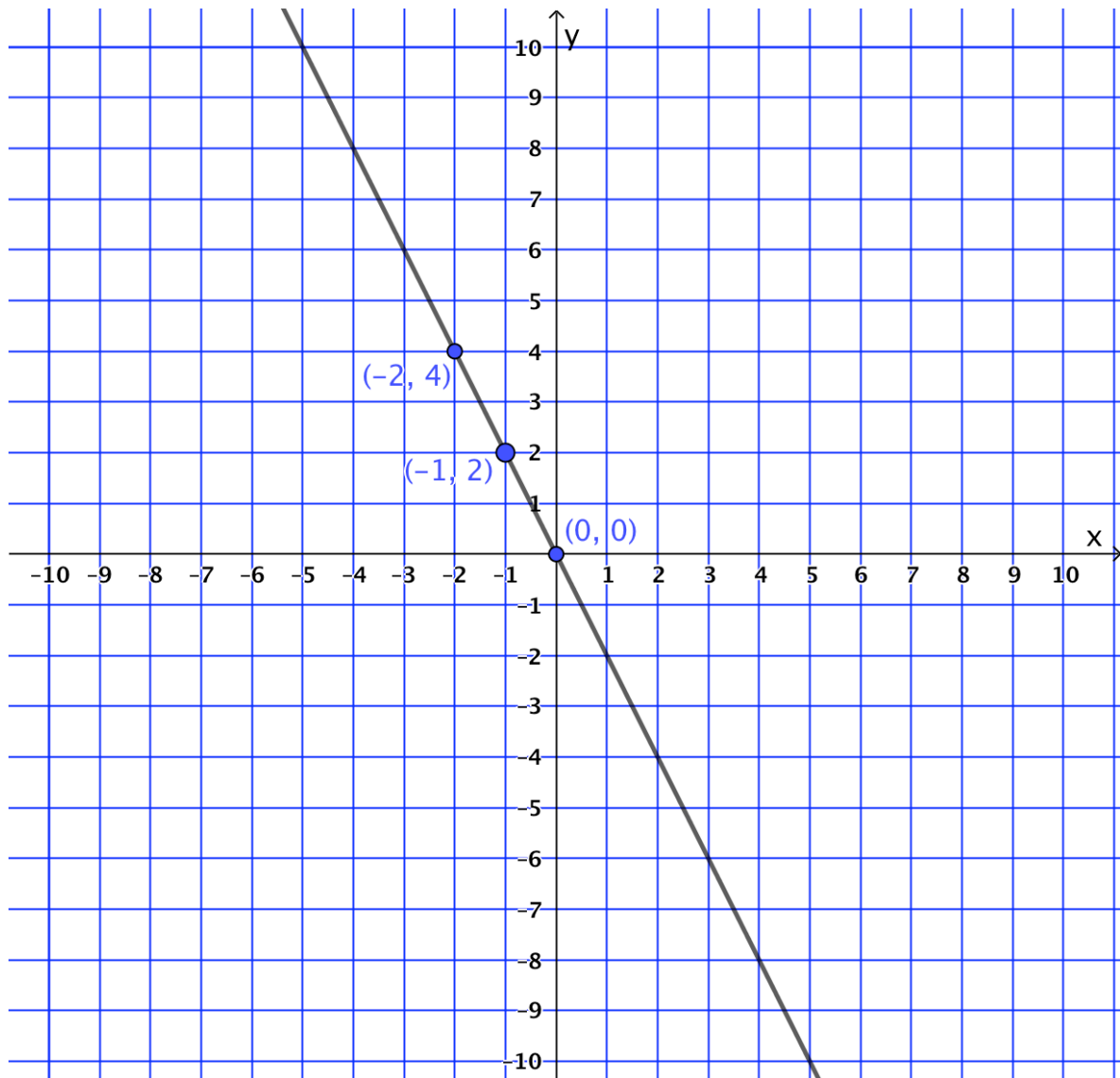


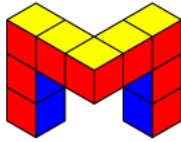
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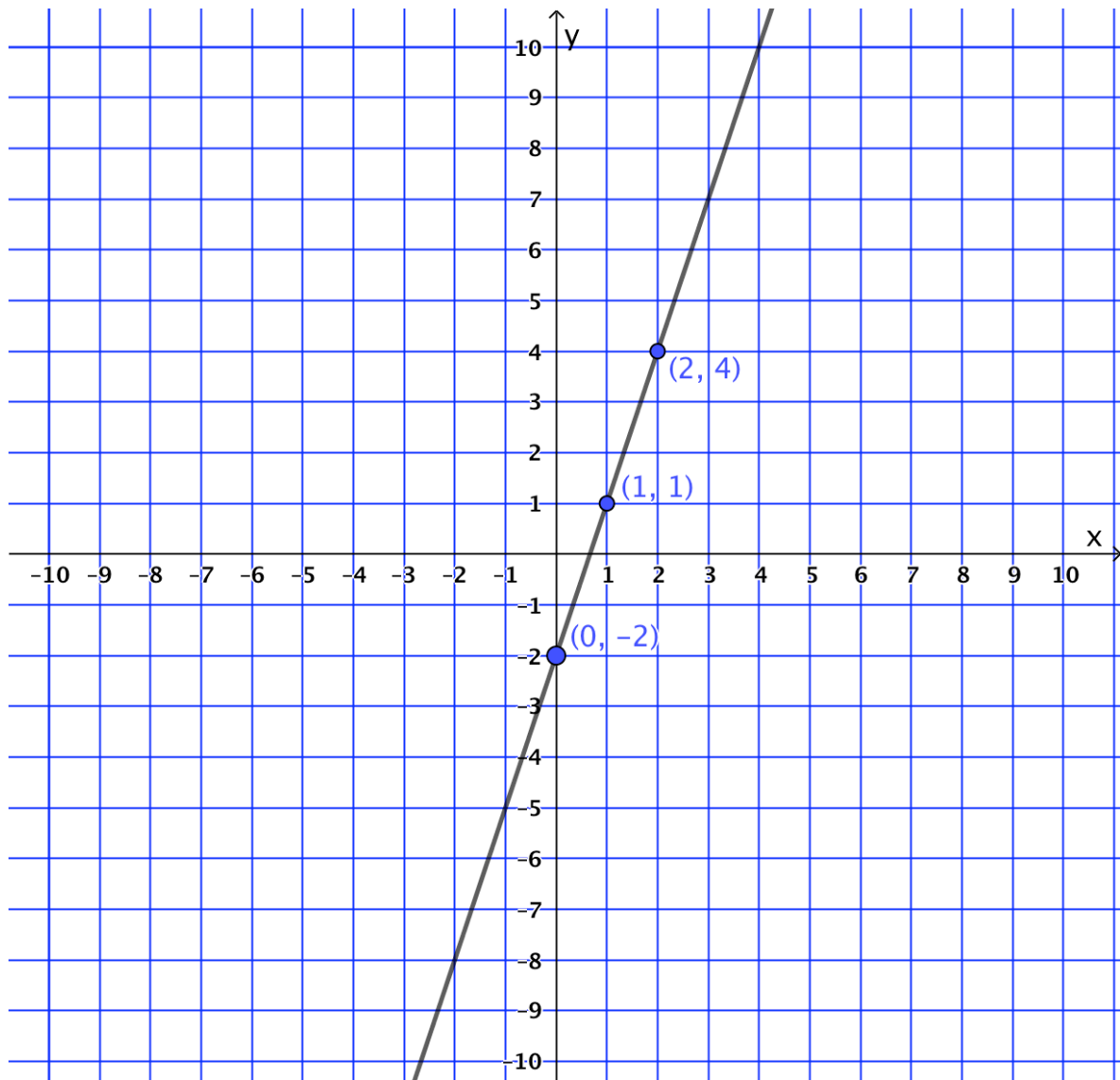


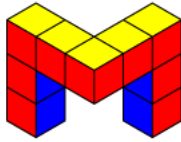
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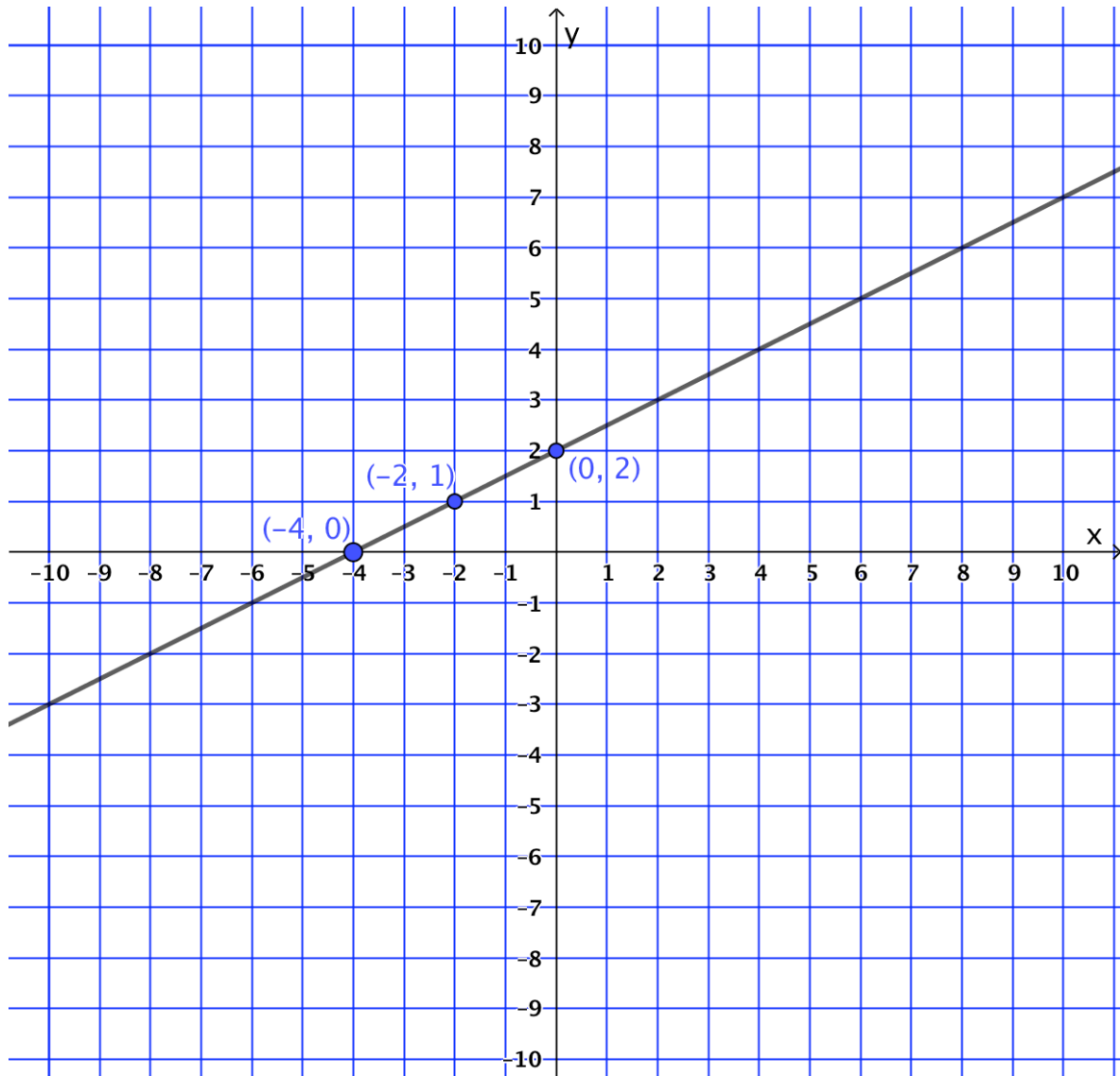


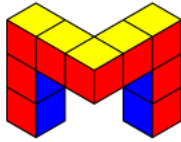
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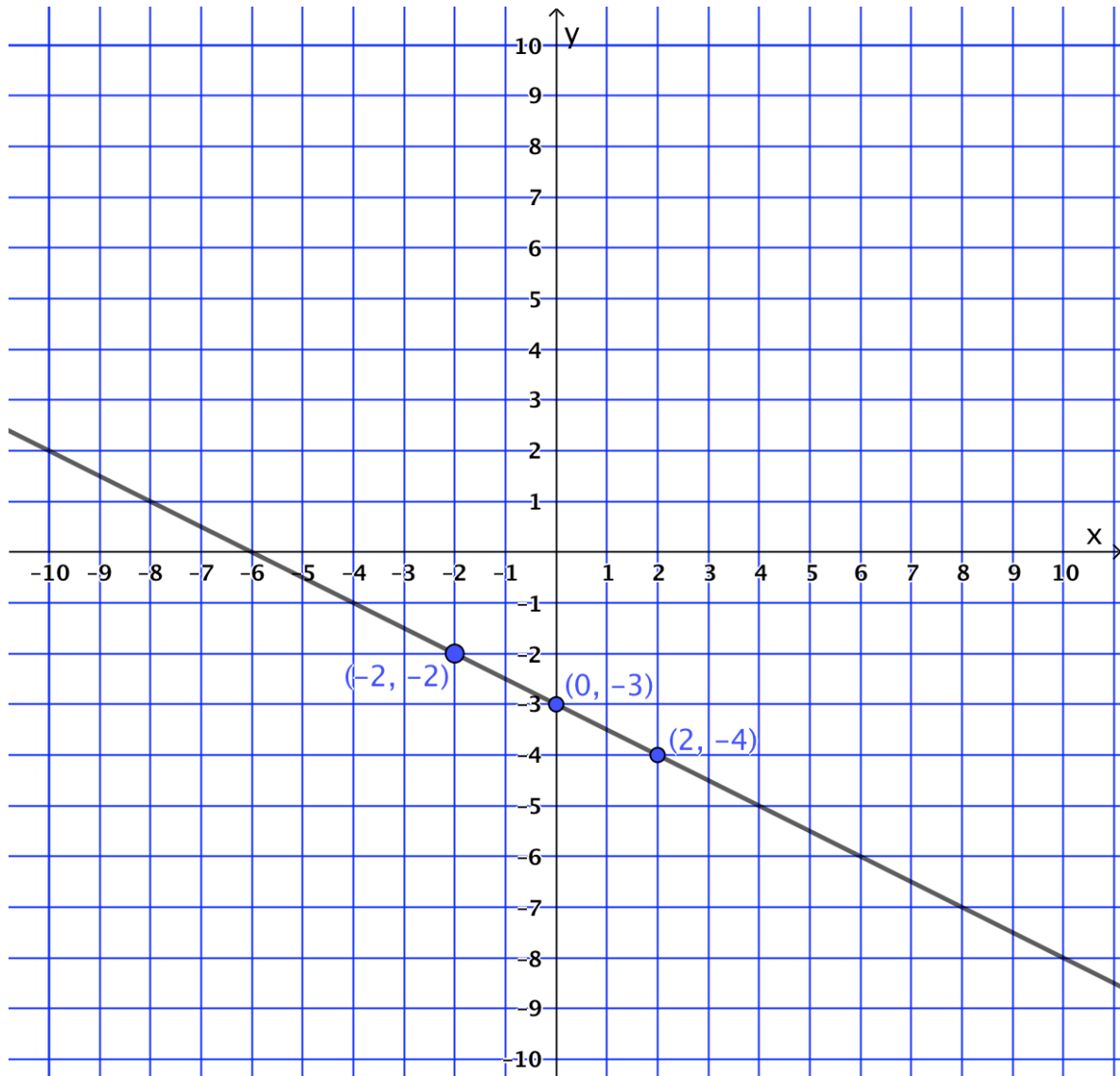


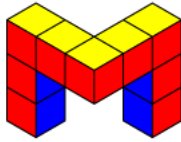
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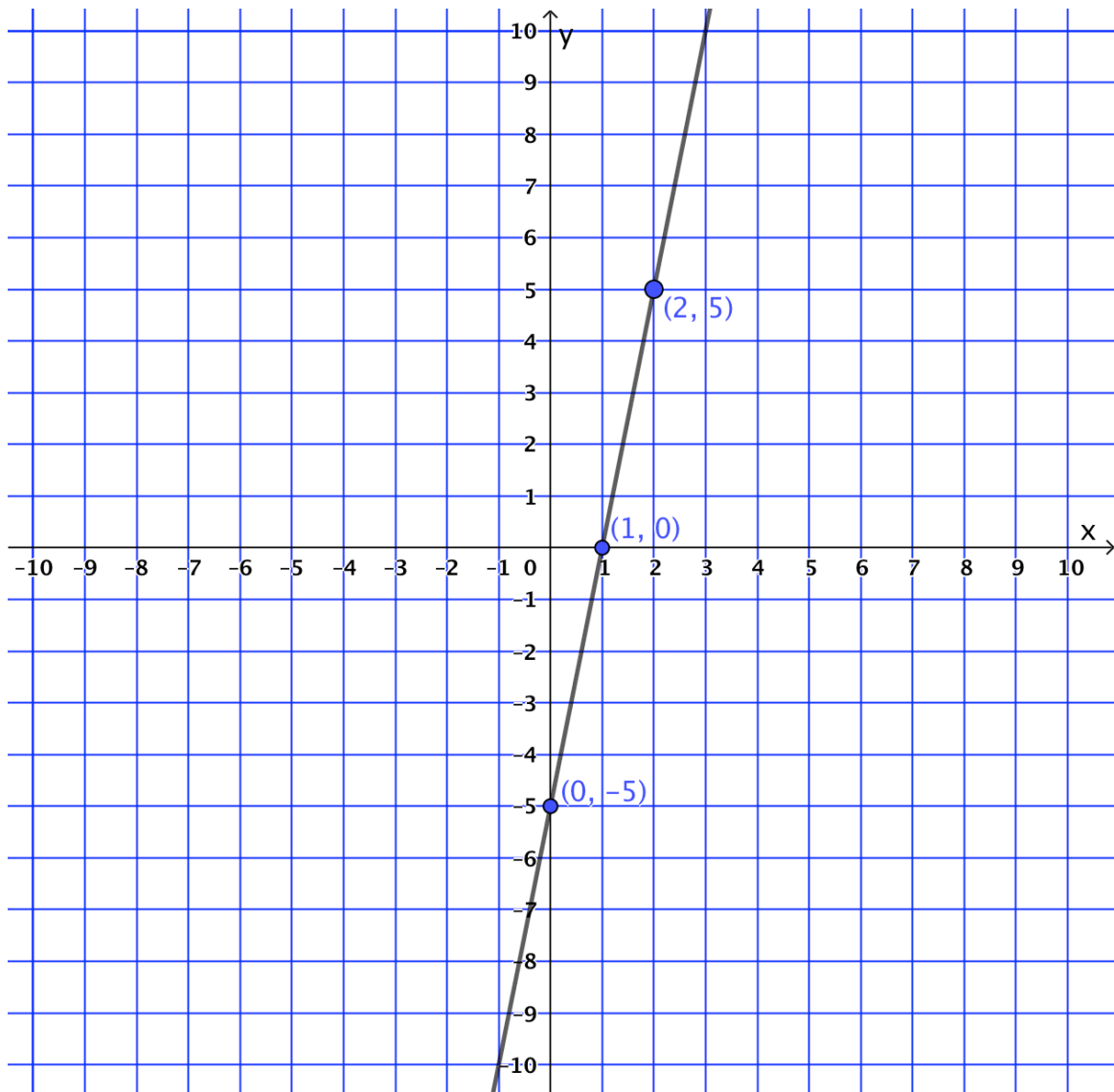


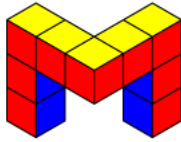
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