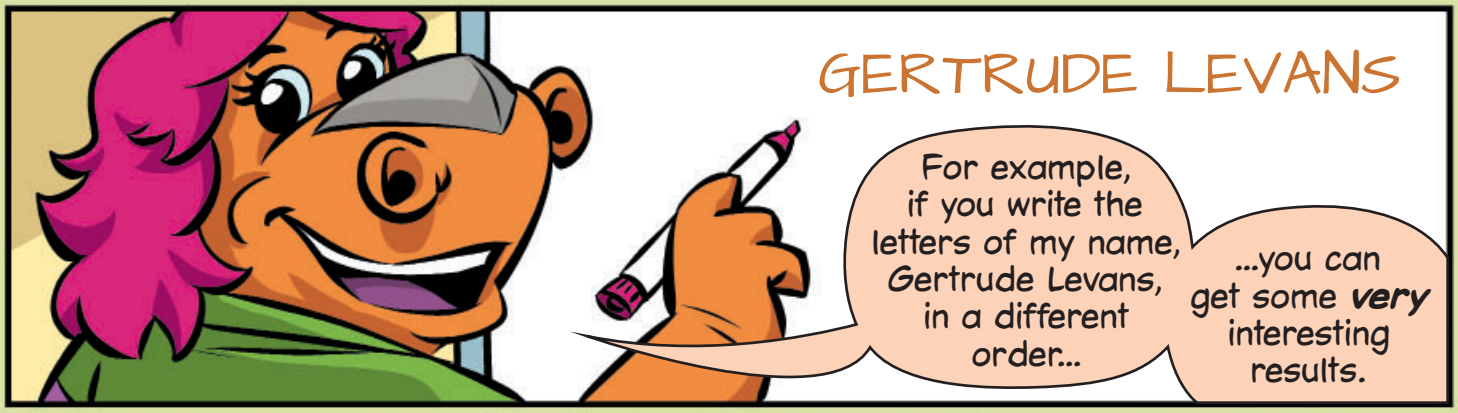
Excerpt from Beast Academy 1D. (C) 2022 BeastAcademy.com

MATH CLUB
ORDER



WORDS THAT USE THE SAME LETTERS BUT IN A DIFFERENT ORDER ARE CALLED ANAGRAMS. CAN YOU MAKE ANY FUN WORDS OR PHRASES FROM THE LETTERS IN YOUR NAME?

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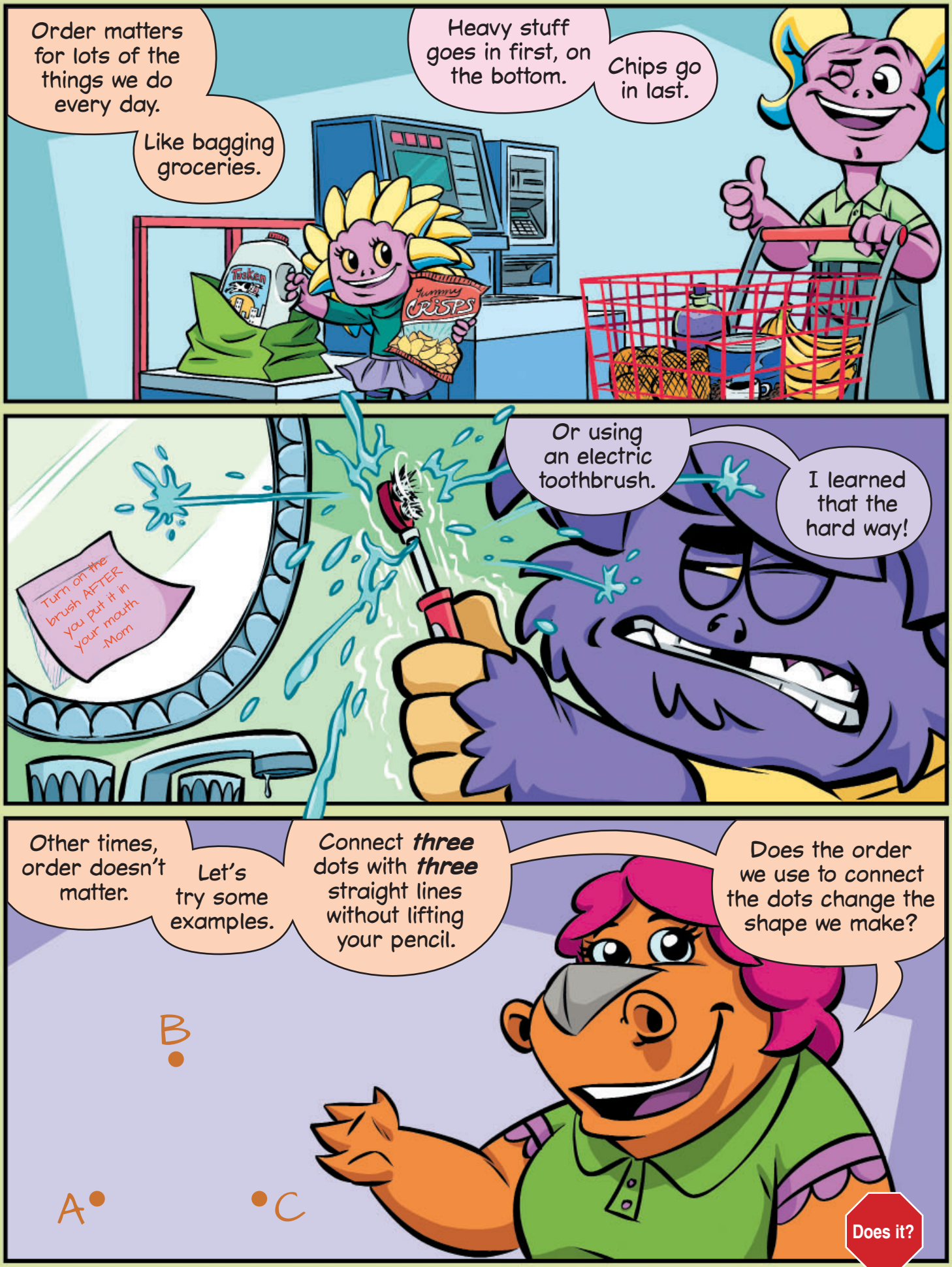

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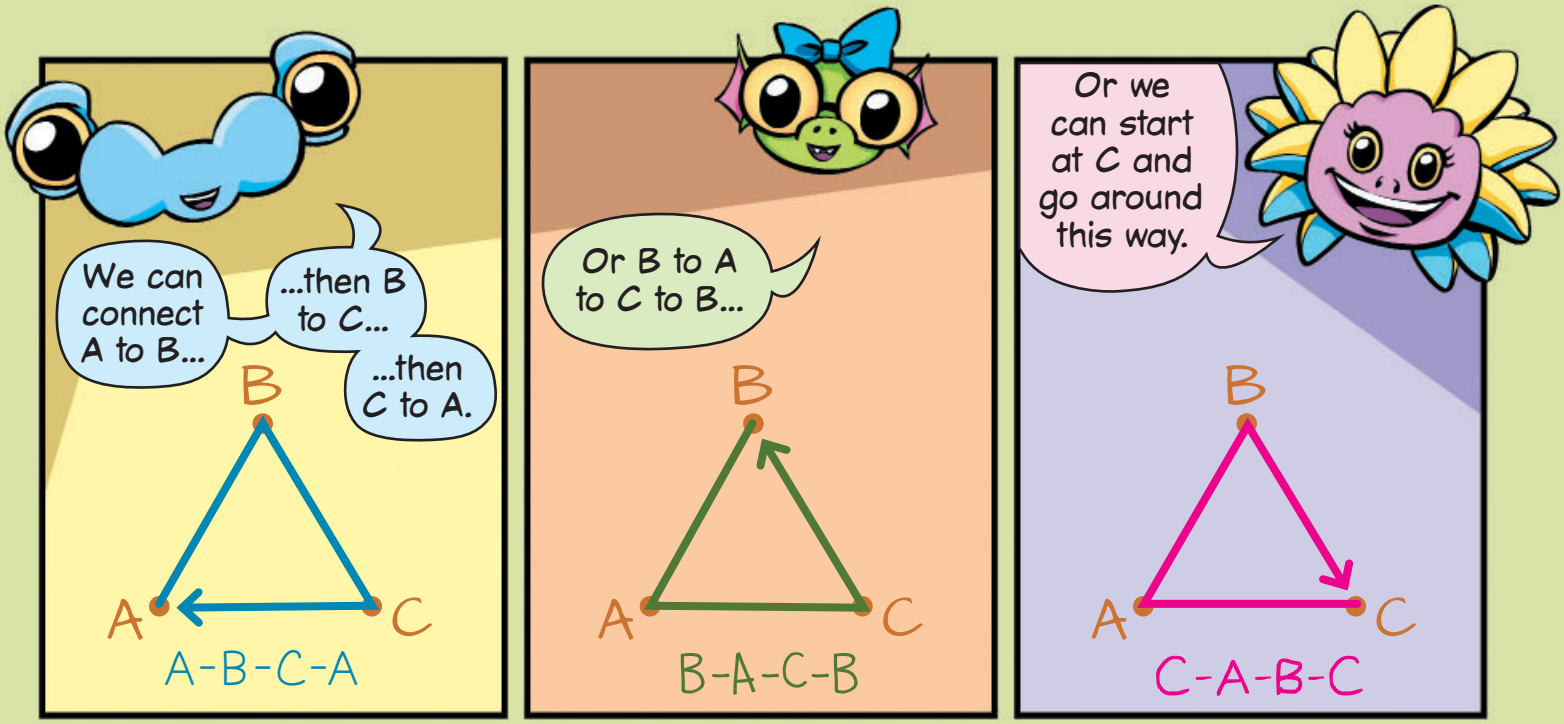

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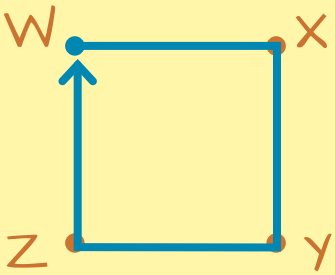
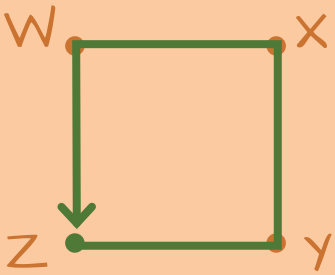
If we connect W-X-Y-Z and back to W, we get a square.



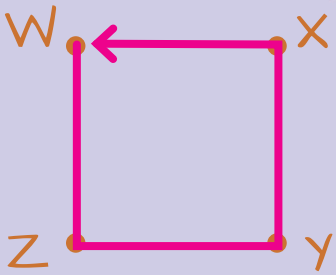
W-X-Y-Z-W

Same for connecting Z-Y-X-W and back to Z.



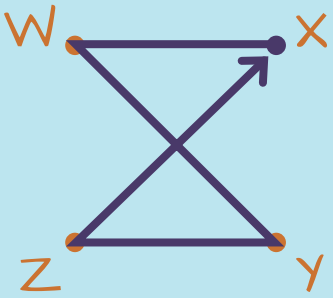
Z-Y-X-W-Z

This way makes a square, too.

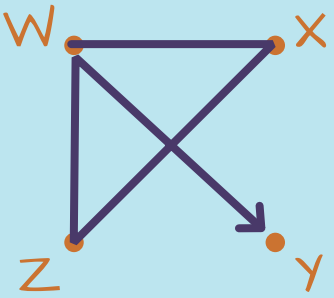


W-Z-Y-X-W

I tried two other ways. Neither of them made a square.



x-W-Y-Z-x



W-x-Z-W-Y

We don't ***always*** get a square.

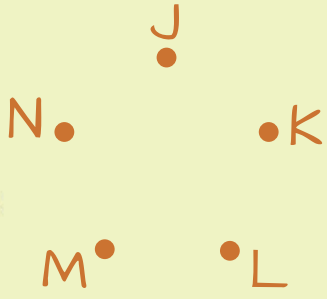
So, order ***does*** matter.

THERE ARE 4 DIFFERENT SHAPES YOU CAN MAKE IF YOU DON'T COUNT FLIPS AND TURNS: □ ⧖ ⧄ ⧅

That's right.

Order matters with 5 dots, too.

How could we connect these five points to make a star?



List the points you would connect in order.