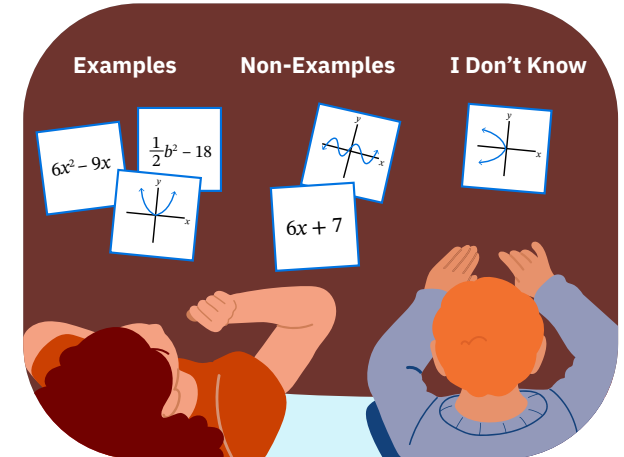
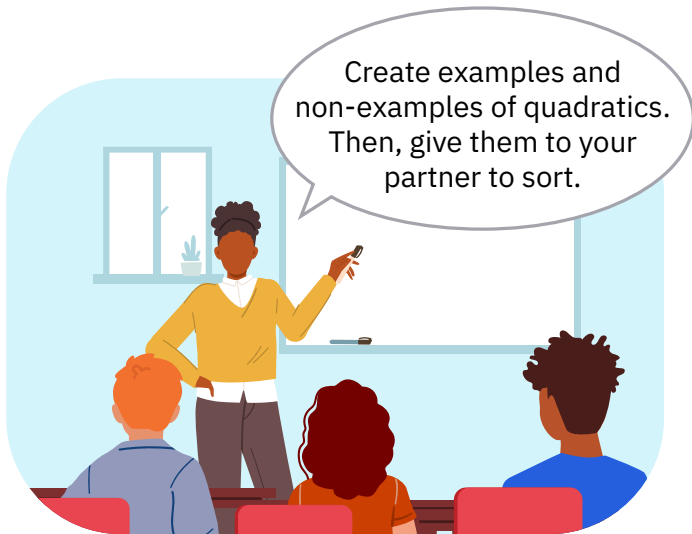


Yes, No, IDK

Untangle your understanding.

Have students create examples and non-examples for a given mathematical concept. Then, have them sort another student's examples into piles: Yes, No, and IDK (I don't know).



Why Try It



*This routine supports precision and active engagement by having students **sort examples and non-examples**. It **sparks creativity** as students generate examples and test their understanding through sorting other students' sets.*

MLR 7: Compare and Connect

Students compare their partner's thinking to their own, exploring different approaches to solving problems. This fosters collaboration and a deeper understanding of the concept.

Teacher Notes

- Mathematical concepts can include functions, vocabulary words, shapes, etc.
- This activity can be done individually, in small groups, or as a class.
- Encourage students to use words, symbolic or visual representations, or written scenarios in their examples and non-examples.
- Students should not label their examples and non-examples so that there remains a motivation to sort.



Caution

Make sure to check student sorted responses because incorrectly placed examples and non-examples can lead to lasting misconceptions.