High School Math Talks 101 - Getting Started
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Math Talk Structure
● About 10 minutes
● Question or situation that is open-ended or has multiple solution pathways
● Students share ideas aloud to the class
● Teacher scribes students’ ideas on board objectively

Types
● Dot Talks
● Which One Doesn’t Belong (WODB) Talks
● Number Talks
● Pattern Talks
● Content Talks

Planning
When planning a math talk, consider the following questions.
● What strategies will students use?
● How will you record each of these strategies?
● What questions might you ask to fully understand student thinking and/or method?
● After the math talk remember to reflect - How did it go? What should you do next?

Resources for planning and implementing math talks in high school
● www.visualpatterns.org - Contains many pictures for pattern talks
● Wodb.ca - Contains many Which One Doesn’t Belong talks
● Numberstrings.com - Contains number strings for number talks and posts from other educators with resources and tips
● MathTalks.net - Contains many number and pattern talks along with sample student responses
● Making Number Talks Matter: Developing Mathematical Practices and Deepening Understanding, Grades 4-10 by Cathy Humphreys and Ruth Parker - A great book to read if you are looking for an overview of math talks and their benefits and background