

Three-Phase Questions

BEFORE (5 minutes)	<ul style="list-style-type: none"> • Activate prior knowledge • Review vocabulary • Pose the problem • Ensure that students understand the task 	Open-Ended Questions:
DURING (20 MINUTES)	<ul style="list-style-type: none"> • Let go! • Circulate as students independently work in pairs or groups • Ask questions to focus, assess, and advance student thinking • Decide which solutions will be selected for sharing 	Open-Ended Questions:
AFTER (15 minutes)	<ul style="list-style-type: none"> • Facilitate the sharing of two or more solution paths • Order selected solutions to help generate a mathematically productive discussion • Facilitate a student-centered discussion so that students: Develop understanding of the concept; Add on to and question the solutions shared; Make connections between the solutions presented; Find generalized characteristics within the problem • Summarize the main idea and identify next steps, future problems 	Open-Ended Questions: