

Learning Cycle Questions

to promote discourse



ST Math
Created by MIND Research Institute

Notice

What do you notice on the screen?

What can you click on?

Predict

What do you think the puzzle is asking you to do?

What are we trying to find out?

What can I click on?

What should I try?

What would happen if . . .

What is the relationship between . . .

Where should I begin?

Analyze

Pause the animation by double clicking in the sky.

Describe what happened.

What did the animation show us?

Why didn't our solution work?

What have you already tried?

Why is your prediction reasonable?

What other solutions could we try?

Connect

What other math ideas does it make you think of?

How is this problem like ___?

What else can you do now?

Explain how the problem was solved.

What steps did we need to take to solve the problem?

What math rule is this like?

