

# Monica

40° and Pouring

Family Discussion Guide

EYFP



## Vocabulary Alert!

Math is a language and it has its own unique vocabulary. Look at Monica's math problem:

A baker is making cookies. The recipe uses a ratio of  $2\frac{1}{2}$  cups of flour :  $\frac{1}{2}$  cup sugar and makes 2 dozen cookies. If the baker needs to make 72 cookies, how much flour and how much sugar will the baker use?

Ratio (say "ray-she-oh") problems like this are common in seventh grade math. A ratio shows a relationship between two or more amounts. In mathematics, a colon (:) is used to show the amounts that are related. You would read the statement " $2\frac{1}{2}$  cups of flour :  $\frac{1}{2}$  cup of sugar" as " $2\frac{1}{2}$  cups of flour to  $\frac{1}{2}$  cup of sugar" or " $2\frac{1}{2}$  cups of flour for every  $\frac{1}{2}$  cup of sugar."

One way to solve this problem is to figure out how many dozens (groups of 12) equal 72 cookies. Then, you can multiply the flour and sugar amounts by the number of dozens to figure out how much the baker will need for each ingredient.

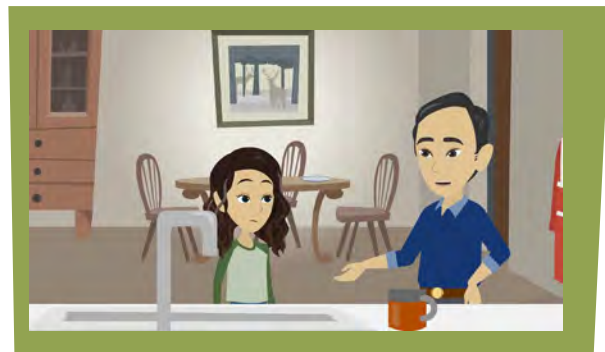
These are some sample questions for Episode 8. Use the ones that seem helpful or interesting. You may have your own questions as well.

### Opening

*As we grow and change, we learn new things about who we are.*

*As we watch Episode 8, look for a moment where you feel like Monica learns something about herself. We will discuss our ideas after the video ends.*

*(Optional: Write down the timestamp to make it easier to share.)*



### Talk it Over!

- Why is Monica so stressed in Scenes 1 and 2?
- In Scene 2, why does Monica offer to do chores around the farm?
- In what ways, if any, has Monica's relationship with her father changed since Episode 1? What might have led to any changes?
- Compare the conversation between Cameron and Monica's father in Scene 5 with their conversation back in Session 3. What might have caused any differences?
- In Scene 6, How does Monica react when Cameron says, "Hold on, you didn't let me finish speaking"? Why do you think she reacts this way?

# Continued

## Closing Questions

*What has Monica learned since Episode 1? In what ways has she changed? What interactions led to these changes?*

*When was one time that you learned something about yourself? What led you to that moment? In what ways, if any, did you change as a result of learning new information?*



## Family Fun!

Families often develop shared habits as they learn from one another. How many ways can you complete the sentence below?

I am like <family member's name> when I <something we both do or say>.

As a family, make a poem or other art piece showing ways your family learns from one another.