

Inquiry STEMs from Mystery!

65 MORE Short Mysteries You Solve with Science...

Eggcellent Idea



“Mom, where are you?” Carol called as she unlocked the back door and entered the kitchen.

Three other equally sweaty and hungry girls followed her after playing a pick-up soccer game on the field near Carol’s house.

On the table, they saw a note from Carol’s mother. It said, “Had to run an errand, will be back around one. You and your friends can help yourself to lunch. Eggs are in the fridge.”

“Mom boiled a dozen eggs this morning to make egg salad sandwiches. I know how to make them,” Carol said as she opened the refrigerator.

Two identical cartons were inside.

“How do we know which dozen is hard-boiled?” Bianca asked. “If we crack one open and it’s still raw, we’re wasting an egg and making a mess.”

“How about seeing if any are still warm?” Jade suggested. “Or still wet from being in the water?”

Carol brought out both egg containers and felt the eggs. All the eggs were cold and dry.

“That doesn’t help. They’re all the same. I think we have to guess,” she said.

“We don’t have to guess,” Lucy said.

All their heads turned towards her.

Mystery No. 35 (page 89) from
One Minute Mysteries: 65 MORE Short Mysteries You Solve With Science!



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Answer to...



Eggcellent Idea

Lucy explained, “Spin the eggs here on the counter. They will spin differently. The raw ones will spin more slowly than hard-boiled ones. That’s because the hard-boiled eggs have been cooked solid, but the liquid inside of the raw egg will slow the egg down. That’s how we will be able to tell which eggs are which.”

Answer to Mystery No. 35 (page 90) from
One Minute Mysteries: 65 MORE Short Mysteries You Solve With Science!