



Name _____ Class _____ Date _____

Mary Measure, Spacy Sam, Counting Carrie, Neil Number, Arty Ash and Crazy Charlie were each given parts in the school play. Since they were all in the same play their parents decided they should all work together to help make costumes and props. Crazy Charlie's parents suggested that everyone visit their house for a meeting to decide how they would help with the preparations. On Tuesday night the parents of each child went to Crazy Charlie's house. There were a total of 12 parents. The six fathers all shook hands with each other.

1. How many handshakes took place?

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2. Mrs Measure bought some bags of sweets for the children to eat while the adults



PREVIEW

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Challenge: Cutting the Cake

Crazy Charlie's mom made a cake for her guests to have with coffee. Of all the guests, eight people wanted a piece. She had already cut the cake into four pieces. How could she cut the cake into eight even pieces using just one cut?



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1. How many handshakes took place?

Fifteen handshakes took place.

2. Mrs Measure bought some bags of sweets for the children to eat while the adults



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Challenge: Cutting the Cake

Crazy Charlie's mom made a cake for her guests to have with coffee. Of all the guests, eight people wanted a piece. She had already cut the cake into four pieces. How could she cut the cake into eight even pieces using just one cut?

Cut it once horizontally through the middle.