

# Challenge

## Camp Out

The Lee family is at camp. Each day they have a choice of activities. Use the information in the table to answer the questions about their camping trip.

- 1. The Lee family wants to spend exactly  $3\frac{1}{4}$  hours on activities on Monday. If they only want to do two activities, which ones could they pick?

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Camp Activity	Time Required
Arts and Crafts	$1\frac{1}{4}$ hours
Hike	$2\frac{3}{4}$ hours
Swim	$1\frac{2}{4}$ hours
Canoe	$2\frac{1}{4}$ hours
Cook Out	$2\frac{2}{4}$ hours
Sing	$1\frac{3}{4}$ hours

- 2. If the Lee family wanted to choose three activities that would take exactly  $6\frac{1}{4}$  hours, which activities should they choose?

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- 3. On Wednesday, the Lee family decided to do two activities that took exactly  $4\frac{1}{4}$  hours. Which two activities did they choose?

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- 4. One day the Lees chose two activities whose length of time together added to a whole number. How many different pairs of activities could they have chosen? What are they?

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- 5. On their last day at camp, the Lee family chose two activities. The combined length of time for these activities was more than 5 hours. Which two activities did the Lees do their last day?

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