Solve each problem and justify your answer.

1.  Jacob and his sister shared the candy bars they gathered on Halloween. Each candy bar had eight sections. Jacob had eaten several sections before they decided to share. Altogether they had $12\frac{3}{4}$ candy bars. How many sections would Jacob and his sister each get?

2.  Ms. Cummings asked her first graders to record their ages as fractions using months as the denominators. Her oldest child was $7\frac{1}{6}$ years and her youngest was $5\frac{11}{12}$ years. How many months difference is there between the ages of the two children?

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3. At the PTA meeting, ten pies were prepared for treats. Initially, each pie was cut into six pieces. After they served $4\frac{1}{2}$ pies, it appeared they would run out, so they cut each piece of the remaining pies into two pieces. If there was only one piece left at the end of the meeting, how many pieces were served?

4. At Myers Automotive, Jen and Jack order quarts of motor oil at the end of every month. They like to have at least 1000 cans on hand at the beginning of the month. They have 154 cans on hand. How many cases of 24 cans of oil should be ordered to make sure they have a total of 1000 cans on hand?

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