



Family Brainstorms Challenge of the Week

For
March 6,
2008

Tennis Match...

Frank and Helen's annual singles elimination tennis tournament has drawn 18 players this year. How many matches must be played before there is a winner for the year?



Your Answer: _____

Name: _____

Grade: _____ Teacher: _____

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problem solving
through play!



Family Brainstorms

Solution of the Week

For
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Tennis Match...

Answer: 17 matches.

Here's how: Every match will produce one loser, and every person other than the winner will lose once and only once. Eighteen players makes seventeen losers; therefore it will take 17 matches to have a tournament winner.