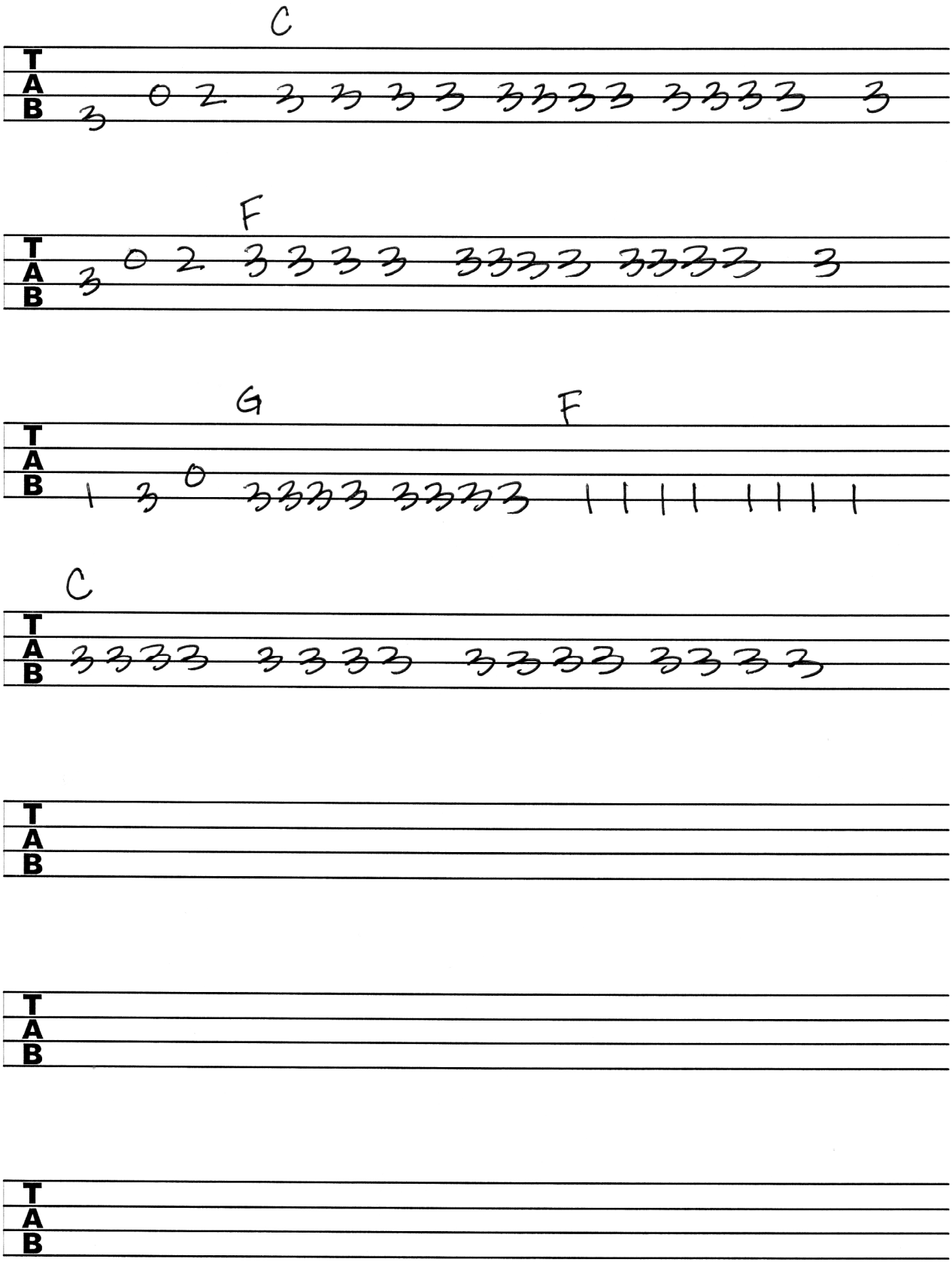Great Balls of Fire