

## Math History for Precalculus

### Michel Rolle

1. When did Michel Rolle live?
2. Where was he from?
3. State the theorem named after him.
4. In which work was his theorem published?
5. When was it published?
6. Rolle questioned the assumptions made by l'Hospital for calculus. State the two assumptions made in l'Hospital's textbook on differential calculus (review previous activity if necessary).
7. Who gave an alternative explanation that satisfied Rolle?
8. What other area of mathematics was employing questionable methods in Rolle's time?
9. In his best-known work, Rolle addressed this problem. Give the title.
10. What important result did he prove in this process?