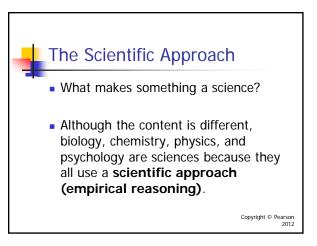


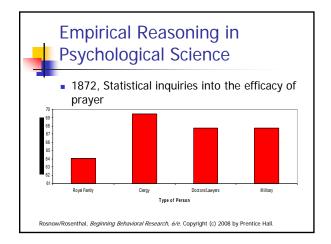
- First scientific journal in psychology
- Trained many important psychologists

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## Empirical Reasoning in Psychological Science Galton and the "power of prayer" In England health and longevity of the royal family were prayed for weekly. Do individuals of royal family live longer than ordinary individuals?

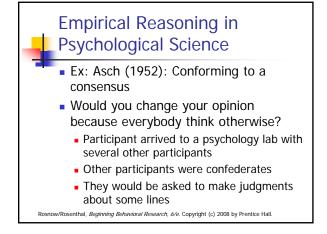
Rosnow/Rosenthal, Beginning Behavioral Research, 6/e. Copyright (c) 2008 by Prentice Hall.

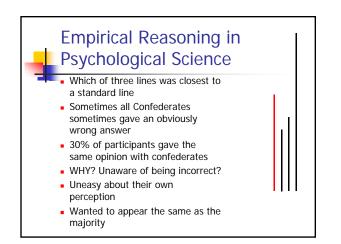


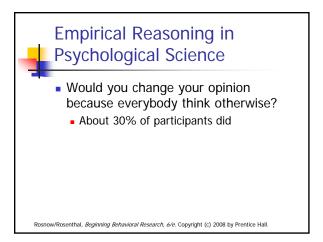
## Empirical Reasoning in Psychological Science

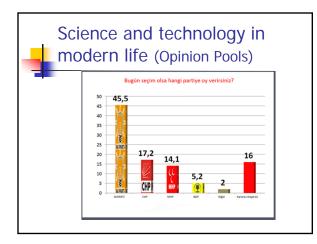
- Applications of empirical reasoning to psychology has advanced
- "Each method has its limitations"

Rosnow/Rosenthal, Beginning Behavioral Research, 6/e. Copyright (c) 2008 by Prentice Hall.











## Two Types of Research

- Basic research conducted to understand psychological processes without regard for whether or not the knowledge is immediately applicable
- Applied research conducted to find solutions for problems rather than to enhance general knowledge about psychological processes







