

**WORKSHEET 1:** 1. Scientific method. 2. Observations. 3. Anecdotal. 4. Data. 5. True.

6. Random chance. 7. Statistics.

THE ANSWER TO THE RIDDLE IS: "Because Humpty Dumpty had a great fall."

**WORKSHEET 2:** 1. Descriptive. 2. Inferential. 3. Population. 4. Margin of error. 5. Census.

6. False. 7. True. 8. Plural. 9. Parameter. 10. Yes.

THE ANSWER TO THE RIDDLE IS: "Never test the depth of the water with both feet."

**WORKSHEET 3:** 1. Nominal. 2. Ratio. 3. Interval. 4. Ordinal. 5. Ratio. 6. Ratio. 7. Ordinal. 8. Nominal. 9. Ordinal.

THE ANSWER TO THE RIDDLE IS: "When the eraser wears out ahead of the pencil."

**WORKSHEET 4:** 1.  $f$ . 2. Number of cases. 3. 362.64. 4. 8.5%. 5. 6.6%. 6. .052. 7. 5.2%.

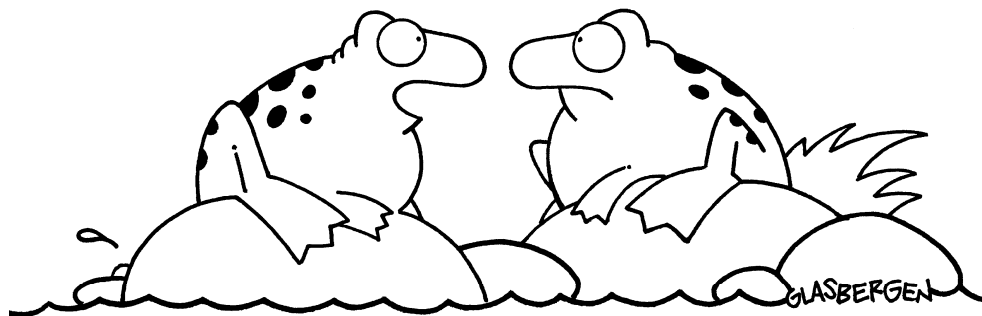
8. Percentages. 9. Frequencies. 10. No.

THE ANSWER TO THE RIDDLE IS: "Both can be recognized by the size of their bills."

**WORKSHEET 5:** 1. 3. 2. Skewed. 3. Caption. 4. Rules. 5. Score. 6. Lowest. 7. Yes.

8.  $N$ . 9.  $\Sigma f$ . 10. No.

THE ANSWER TO THE RIDDLE IS: "He could be just as proud for half the money."



**"Have you seen the latest longevity statistics  
for frogs who live in biology labs?"**