

Unit 4 Lesson 4: Interpreting Statistics in the Media **Date:** _____

1. Read Pg 226 and answer Investigate questions #1 – 2 on lined paper.
2. Look over Pg. 228 Ex. 1
It is very important to ask critical questions about statistical claims in the media,
for example

3. **Margin of Error** describes how reliable the data is. For example, a poll is said to be accurate within 3 percentage points 19 times out of 20. This means that _____

Example 1: “In a recent study, 77% of parents support enforcing a dress code in schools. The study is accurate to within 3.4 percentage points, 19 times out of 20.”
What does this mean?

Example 2: Which deal gives the greater savings? Explain your reasoning.

The price of a flash drive, regularly \$34.99, has been reduced by 10%.
You can take 20% off the regular price or you can use a coupon to take \$5.00 off the reduced price.

Recall: **per capita** means _____

Gross Domestic Product (GDP) _____

Inflation _____

Example 3: