Name _____   Class_____   No_____   Score_____

Calculating Percentage Error

Formula: PE = $\frac{|E - A|}{A}$ x 100%

E = estimate value (ค่าประมาณ)
A = actual value (มูลค่าที่แท้จริง)

Instruction: *Calculate the percentage error of the following.*

1. Jade estimated that the repairs to his computer would cost 1,400 Baht. The actual repair cost is 1,000 Baht. What was the percentage error of his estimate?

   [   ] %

2. Mint estimates that the weight of her dog is 16 pounds. The actual weight of the dog is 20 pounds. Find the % error of Ming's estimate.

   [   ] %

3. Purejang estimates that the cost of going to the US for a month is $11,500. The actual travel cost to the US for a month turned out to be only $10,000. Find the % error of Purejang's estimate.

   [   ] %

4. KJ estimates that 25,000 people will attend the BTS concert in Bangkok. It turned out that the actual number of people that attended the concert was 20,000 people. Find the percentage error of her estimate.

   [   ] %