

**Chapter 10 - Assignment 3: “The Millet Seed Paradox” by Simplicius of Cilicia**

Recall how Zeno of Elea and Protagoras of Abdera had discussed the *millet seed paradox*. (See pages 24–26 in Chapter 10.)

- (i) According to Zeno, if a *pile* of grains makes *some* sound when it falls on the ground, then does only a *single* grain make a sound when it falls on the ground? (Why or why not? Explain.)

- (ii) According to Zeno, if a *single* grain makes *some* sound when it falls on the ground, then does a *pile* of grains make a sound when it falls on the ground? (Why or why not? Explain.)

(iii) According to Zeno, if a *single* grain makes *no* sound *at all* when it falls on the ground, then does a *pile* of grains make a sound when it falls on the ground? (Why or why not? Explain.)

(iv) According to Protagoras, if a single grain makes *no* sound *at all* when it falls on the ground, then can a pile of grains make a sound when it falls on the ground? Why or why not? Explain.