

Name: _____

This work may be exhibited if my name is removed: Yes No

Instructions. *Think* wherever you wish, but please do not *write* outside the box.

Plato's Trail Mix. Plato's Trail Mix has 10 raisins for every 3 nuts. In a large bag of Plato's Trail Mix, the number of raisins is R and the number of nuts is N . Which is correct? Explain.

a) $10R \approx 3N$

b) $3R \approx 10N$

(The symbol \approx means "is approximately equal to." We would not expect the numbers to be exactly equal, since there is some random variation.)