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| Module 3: Opening Activities |

Please use this space to personalize the opening activities for your group.

In the Monthly PLC Format, we recommend that the opening activities for Module 3 should provide opportunities for participants to share and reflect on the Bridging to Practice work they did since the group last met.

In the Workshop Format, we recommend that participants be given opportunities to continue to develop as a learning community, including community building activities or engaging in doing and discussing mathematics. Below is a task that we used in some of our enactments of these materials

Math Task: Animal Populations

Algebra –SSE

*Original problem from illustrativemathematics.org*

Suppose P and Q give the sizes of two different animal populations, where Q > P.

In (a) – (d), say which of the expressions is larger. Briefly explain your reasoning in terms of the two populations.

(a) *P*  +  *Q* and 2*P*

(b) (*Q – P*)/2 and *Q – P*/2

(c) $\frac{P}{P+Q}$ and $\frac{P+Q}{None}$

(d) *P*  + 50*t* and *Q*  + 50*t*