1. Consider this statement: "For every 5 freshmen in the class, there are 18 non-freshmen."

   (a) Which kind of ratio is this: part-to-part, or part-to-whole?

   (b) Draw and label a supporting diagram.

   (c) Rewrite the statement in the notational form " The ratio of ____ to ____ is __:__."

   (d) What fraction of all students in the class are freshmen?

   (e) Write a ratio of the OTHER type, based on the information above. Use "for/out of every" language.

2. Consider this statement: "There are 3 rainy days per week in Slippery Rock."

   (a) Which kind of ratio is this: part-to-part, or part-to-whole?

   (b) Draw and label a supporting diagram.

   (c) Rewrite the statement in the notational form " The ratio of ____ to ____ is __:__."

   (d) What fraction of all days in Slippery Rock are rainy?

   (e) Write a ratio of the OTHER type, based on the information above. Use "for/out of every" language.