Show all your work.

1. What is \( \frac{2}{3} \) of 2? Explain your answer in detail using a drawing.

2. Draw a picture whose shaded region is \( \frac{1}{3} \) of the picture using a set model and \( \frac{1}{2} \) of the picture using an area model and explain your picture.

3. If Yolanda raised \( \frac{3}{4} \) of her fundraising goal and Bert raised \( \frac{2}{3} \) of his fundraising goal, who raised the most money? Be sure to justify your answer.

4. Answer the following with either True or False and give a brief explanation.
   (a) The closest fraction benchmark to 0.262 is \( \frac{1}{4} \).
   (b) 2.509 in words is "Two and fifty-nine thousandths".
   (c) The "oneths" place is one place to the right of the decimal point.
   (d) \( 342_5 + 134_5 = 1031_5 \).

5. Order the following fractions from smallest to largest.

   \[ 0.507, 0.\overline{57}, 0.5\overline{7}, 0.577, 0.057, 0.57 \]