

Activity 2

Estimating fractions and percentages

Create strips out of the remaining graph paper. Read all directions carefully before cutting.

1. Cut the strips so that the width is two inches and the length is equal to the total number of students in your inventory.
2. Shade each strip as you did in your bar graph.
3. Split the strips lengthwise into two one-inch strips. Set one set of strips aside.
4. Using one set of strips, fold each strip to estimate fractional part and percentage of the whole. For example: Fold the strip into halves, thirds, fourths, etc. Record your estimated fractional parts and percentages below.

Item	Estimated Fractional	Estimated Percent

5. Compare the estimated fractional part with the actual fractional part in Activity 1. Does the estimate seem reasonable?
6. Is the estimate for each item less than or greater than the actual fractional part?
7. Explain your estimation strategies.

