

3. Decimal fractions also represent fractional parts. Use the red circle as the unit whole.

A. Work with your partner to show the following decimal fractions with a combination of purple, green, yellow, orange, or pink pieces.

.5

1.2

.8

B. Write a common fraction next to the decimal fraction.

.5 $\frac{\square}{\square}$

1.2 $\frac{\square}{\square}$

.8 $\frac{\square}{\square}$

Use your data in Table 3 and your fraction circle pieces to find the fractions and ratios in Questions 4–12. The red circle is the unit whole, and decimal fractions represent fractional parts.

4. It takes _____ purple pieces to cover one red piece.

5. A. One purple piece covers what fraction of the red circle? $\frac{\square}{\square}$

B. Write a decimal fraction for one purple piece. _____