

Fraction Circles — Fifths and Tenths

Base Sheet

Activity Sheet

Extending fraction work to fifths and tenths. The child discovers that the more pieces a whole is divided into, the smaller each piece becomes, and explores the relationship between fifths and tenths.

What You Need:

- Fraction circles (whole through tenths)
- Fraction labels
- Work mat
- Paper and pencil for recording

Steps:

1. Review: whole, halves, thirds, fourths.
2. Present fifths: 'This circle is divided into FIVE equal pieces. Each piece is one fifth.' Write $\frac{1}{5}$.
3. Count to assemble: ' $\frac{1}{5}$, $\frac{2}{5}$, $\frac{3}{5}$, $\frac{4}{5}$, $\frac{5}{5}$ — a whole!'
4. Present tenths: 'TEN equal pieces. Each is one tenth.' Write $\frac{1}{10}$.
5. 'One tenth is very small! It takes ten of them to make a whole.'
6. Compare: $\frac{1}{2}$ vs $\frac{1}{5}$ vs $\frac{1}{10}$. 'Which is biggest? Which is smallest?'
7. Discover: $\frac{2}{10} = \frac{1}{5}$. $\frac{5}{10} = \frac{1}{2}$. 'More equal pieces means smaller pieces!'

Work Space:



