

Tenths & Hundredths: Fractions to Decimals

Connecting fractions and decimals

"Numbers can be smaller than one," says Ollie. "Split a whole into ten parts and each is a tenth — written 0.1."

Place value past the dot: ones • tenths • hundredths. So $3/10 = 0.3$ and $25/100 = 0.25$.

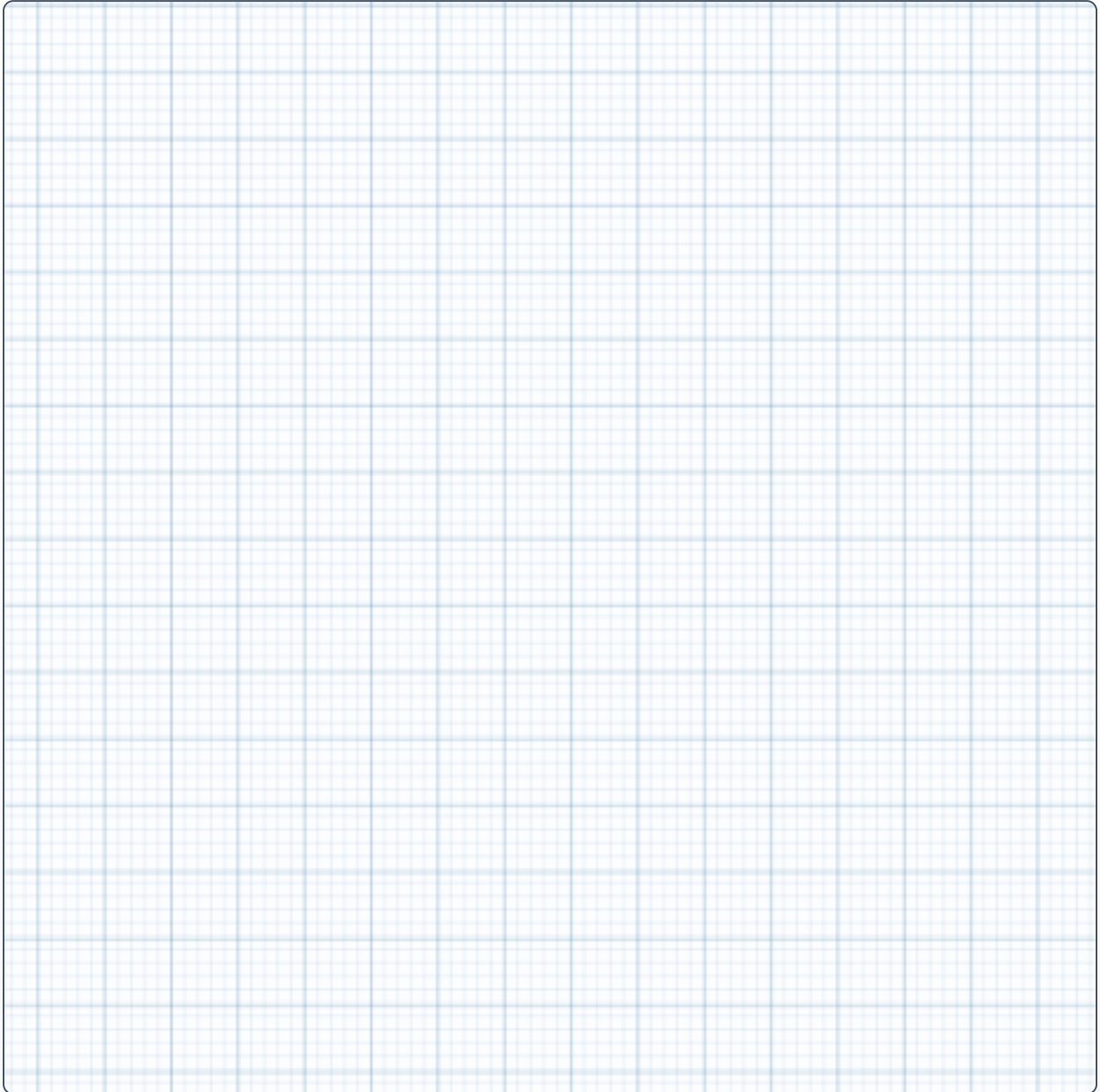
1. Write each fraction as a decimal.

a) $4/10 =$ _____ b) $7/10 =$ _____ c) $25/100 =$ _____

2. Write each decimal as a fraction.

a) $0.3 =$ _____ b) $0.9 =$ _____ c) $0.50 =$ _____

3. Shade the grid to show 0.6 , then write it as a fraction.



4. Which is larger, 0.3 or 0.25 ? Explain using tenths and hundredths.

5. Challenge: Mae says $\frac{1}{2} = 0.5 = \frac{5}{10}$. Are all three the same? Explain.
