

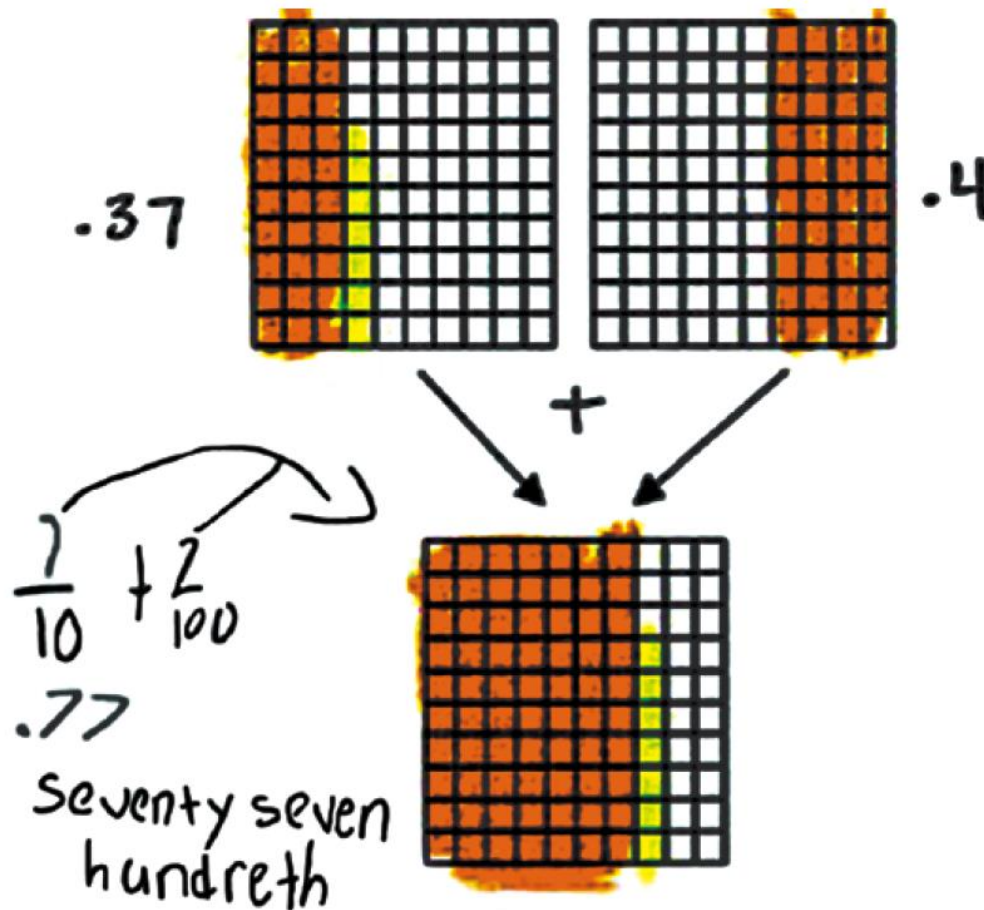
Misconceptions

Explain the error in each:

(a) $0.47 > 0.5$

(b) $0.37 + 0.4 = 0.41$

$$0.37 + 0.4 \neq 0.41$$



Connecting Fractions to Decimals (and vice versa)

(a) Which fractions can you convert to **decimals** almost immediately? Write down the decimal.

$$\frac{1}{2} \quad \frac{1}{3} \quad \frac{1}{4} \quad \frac{1}{5} \quad \frac{1}{6} \quad \frac{1}{8} \quad \frac{1}{10} \quad \frac{1}{50} \quad \frac{1}{100}$$

(b) Which decimals can you convert to **fractions** almost immediately? Write down the fraction.

$$0.3 \quad 0.007 \quad 0.\overline{18}$$