

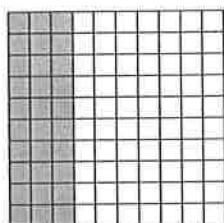
## Lesson 6 Reteach

### Use Place Value and Models to Add

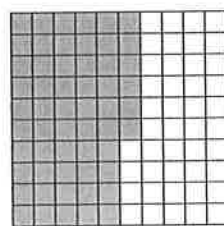
You can use models to help you solve problems that call for adding fractions that are tenths and hundredths.

There were 100 children in a swim meet. Each child could receive only 1 ribbon. A blue ribbon was awarded to  $\frac{3}{10}$  of the children. A red or white ribbon was awarded to  $\frac{56}{100}$  of the children. How many children received a ribbon in all?

**1** Make a model to show each fraction.



$$\frac{3}{10} = \frac{30}{100}$$



$$\frac{56}{100}$$

**2** Add the fractions.

$$\frac{30}{100} + \frac{56}{100} = \frac{86}{100}$$

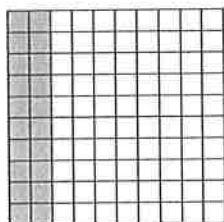
86 out of 100 children received a ribbon.

**3** Write as a decimal.

Think of  $\frac{86}{100}$  as *eighty-six hundredths*.

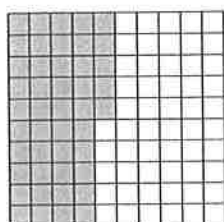
$$\frac{86}{100} = 0.86$$

Use the models to help you add. Find  $\frac{2}{10} + \frac{45}{100}$ .



$$\frac{2}{10} = \frac{20}{100}$$

Write the sum as a fraction: \_\_\_\_\_



$$\frac{45}{100}$$

Write the sum as a decimal: \_\_\_\_\_