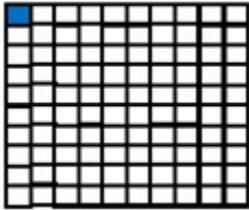
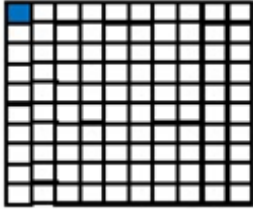


## Model Hundredths

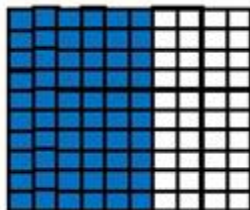
Decimal models can be used to show amounts written as fractions or decimals. Each equal part is one hundredth.

|   |  |
|---|--|
| Decimal Model<br><br>100 equal parts<br><br>1 part shaded |   |
| Fraction: $\frac{1}{100}$<br><br>Decimal: 0.01            |  |

Write the fraction below as a decimal. Use a decimal model to help.

$$\frac{60}{100}$$

Shade in 60 hundredths of a decimal model.



Sixty hundredths written as a decimal is 0.60.

So,  $\frac{60}{100}$  is the same as 0.60.

**Examples:**

A- Write each fraction as a decimal. Use a decimal model to help.

$$1) \frac{16}{100} = 0.16$$

$$2) \frac{5}{100} = 0.05$$

$$3) \frac{37}{100} = 0.37$$

$$4) \frac{60}{100} = 0.60$$

B- Write each decimal as a fraction.

5)

| ones | . | Tenths | Hundredths |                  |
|------|---|--------|------------|------------------|
| 0    | . | 1      | 2          | $\frac{12}{100}$ |

6)

| ones | . | Tenths | Hundredths |                  |
|------|---|--------|------------|------------------|
| 0    | . | 5      | 9          | $\frac{59}{100}$ |

C- Write each decimal as fraction and in expanded form.

$$7) 0.34 \quad \frac{34}{100}, 0.3 + 0.04$$

$$8) 0.18 \quad \frac{18}{100}, 0.1 + 0.08$$

$$9) 0.90 \quad \frac{90}{100}, 0.9$$

$$10) 0.66 \quad \frac{66}{100}, 0.6 + 0.06$$