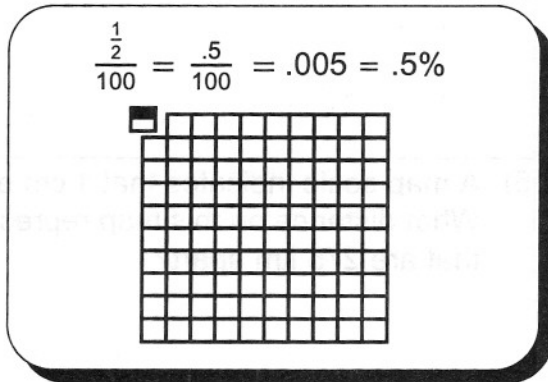
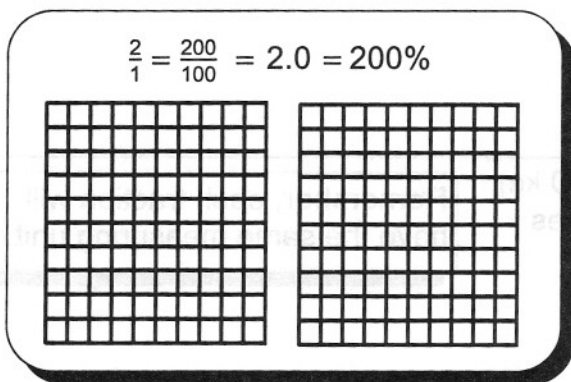
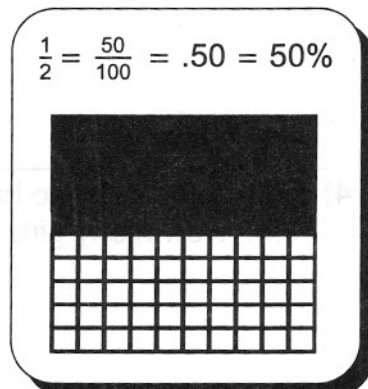
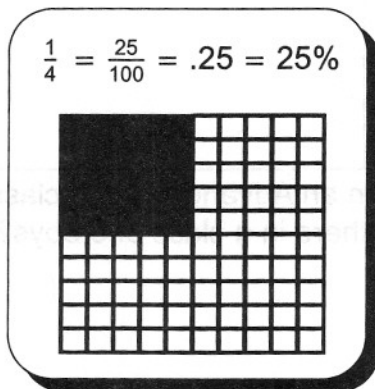
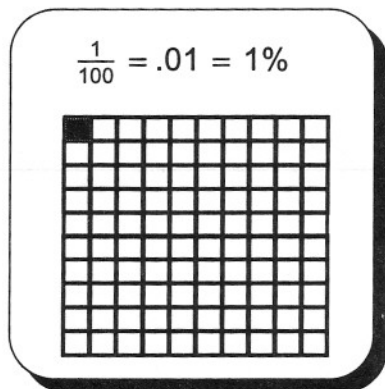


Unit 21 Writing Fractions and Decimals as Percentages

1. Understanding percentages

- Percentage means how many in relation to one hundred.
- % is the symbol indicating percent.
- Percentages may be related to fractions and decimals.



2. Writing fractions as percentages

- Multiply the fraction by $\frac{100\%}{1}$.
- Examples:

$$\frac{1}{5} \rightarrow \frac{1}{5} \times \frac{100\%}{1} = \frac{100\%}{5} = 20\%$$

$$\frac{3}{8} \rightarrow \frac{3}{8} \times \frac{100\%}{1} = \frac{300\%}{8} = 37.5\%$$

$$3\frac{1}{2} \rightarrow \frac{7}{2} \times \frac{100\%}{1} = \frac{700\%}{2} = 350\%$$

$$5 \rightarrow \frac{5}{1} \times \frac{100\%}{1} = \frac{500\%}{1} = 500\%$$

3. Writing decimals as percentages

- Multiply the decimal by 100%.
- Examples:

$$.2 \rightarrow .2 \times 100\% = 20\%$$

$$.375 \rightarrow .375 \times 100\% = 37.5\%$$

$$3.5 \rightarrow 3.5 \times 100\% = 350\%$$

$$5 \rightarrow 5 \times 100\% = 500\%$$