# Introduction to percentages.

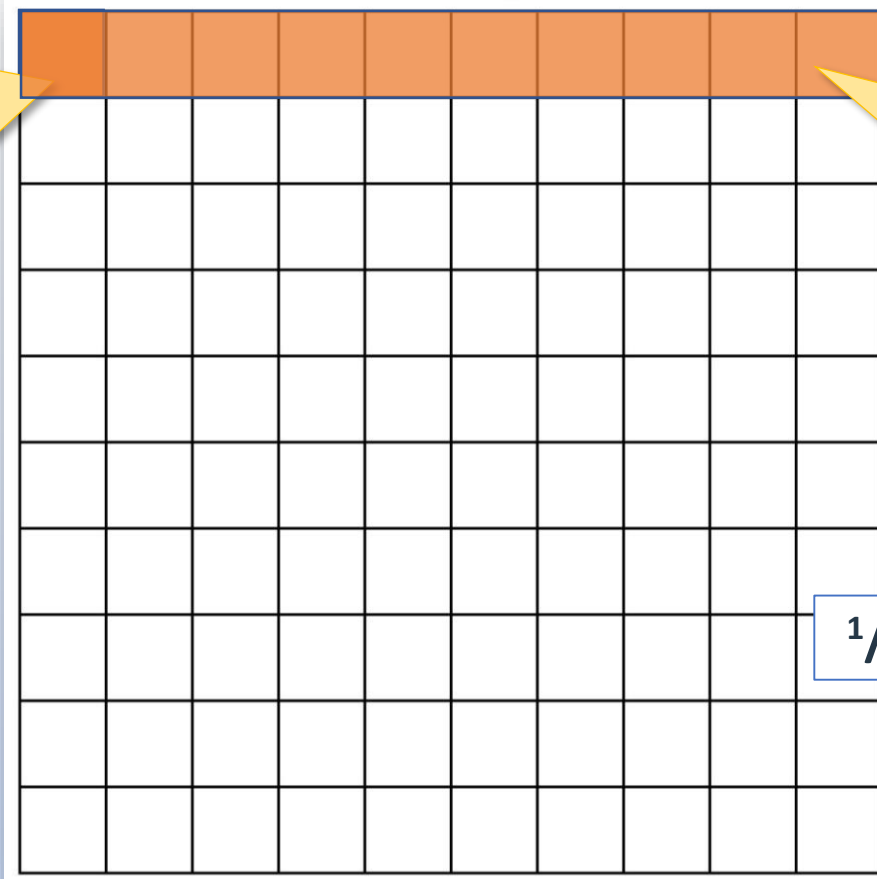**%**

**Where have you seen this symbol? What does it stand for?** ❓

*Per cent* means *per 100,* or *out of 100*.

**Each small square is one hundredth of the whole square. 1 out of a 100 is the same as 1 percent. We write this as 1%.**

**What fraction is now shaded? In tenths? In hundredths?** ❓

$$^1/_{100} = 1\%$$

**This is 10% of the whole square, as 10 out of 100 small squares are shaded.**

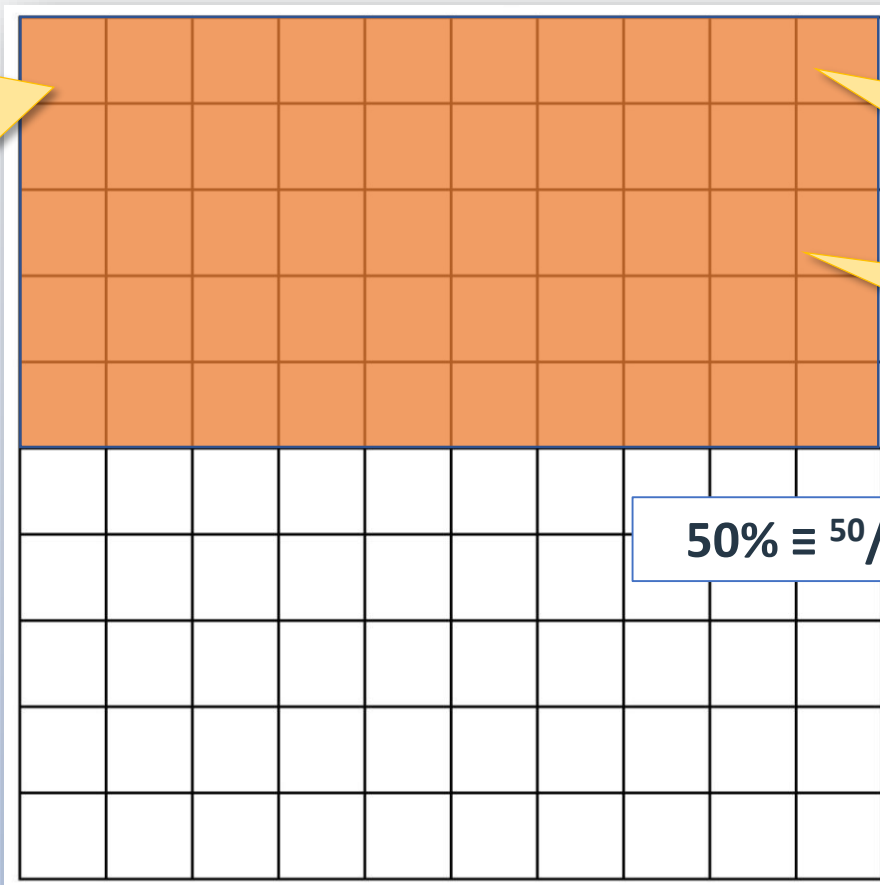$$^1/_{10} \equiv ^{10}/_{100} \equiv 10\% \equiv 0.1$$

# Introduction to percentages.

$$\frac{1}{10} \equiv \frac{10}{100} \equiv 10\% \equiv 0.1$$

*Per cent* means *per 100,*
or *out of 100.*

Each small square is one hundredth of the whole square.
1 out of a 100 is the same as 1 percent.
We write this as 1%.

What percentage do you think is shaded now? **?**

What fractions are equivalent to 50%? **?**

$$\frac{1}{100} = 1\%$$

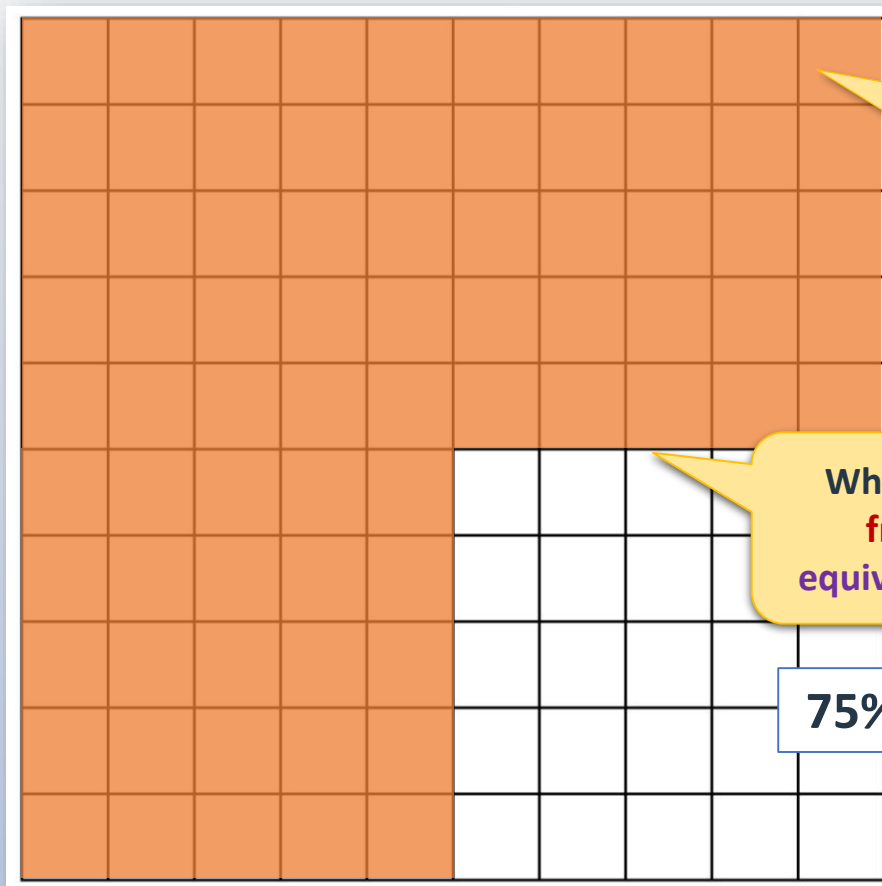$$50\% \equiv \frac{50}{100} \equiv \frac{5}{10} \equiv \frac{1}{2} \equiv 0.5$$

What a lot of ways to write the same amount!

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$^1/_{10} \equiv {}^{10}/_{100} \equiv 10\% \equiv 0.1$

*Per cent* means *per 100,* or *out of 100*.

$^1/_{100} = 1\%$

What percentage do you think is shaded now?

?

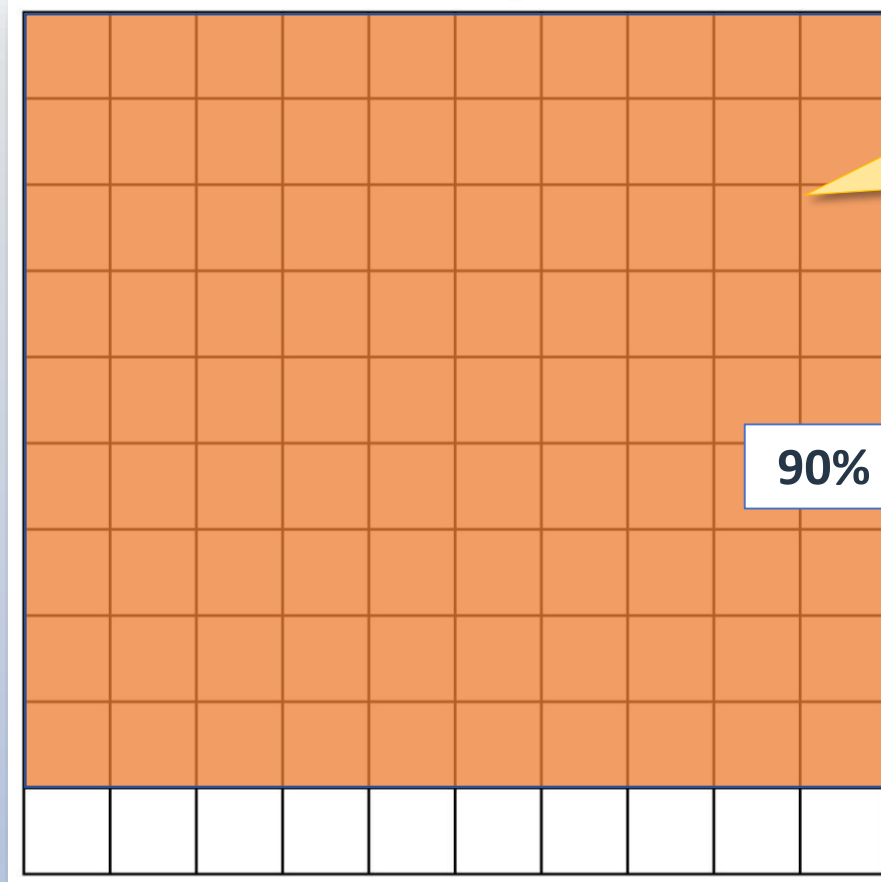What are the **percentage**, **fraction** and **decimal equivalents** for this amount?

$75\% \equiv {}^{75}/_{100} \equiv {}^3/_4 \equiv 0.75$

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$$\frac{1}{10} \equiv \frac{10}{100} \equiv 10\% \equiv 0.1$$

*Per cent* means *per 100, or out of 100.*

$$\frac{1}{100} = 1\%$$

What percentage is equivalent to $\frac{9}{10}$?

$$90\% \equiv \frac{90}{100} \equiv \frac{9}{10} \equiv 0.9$$