

# Percentages



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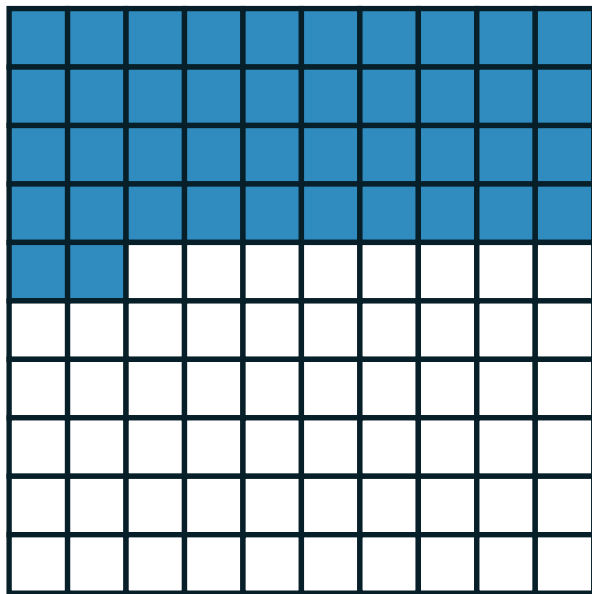
**Grammarsaurus**

## Lesson 2

# Equivalent fractions, decimals and percentages



Which is the largest amount? How do you know?



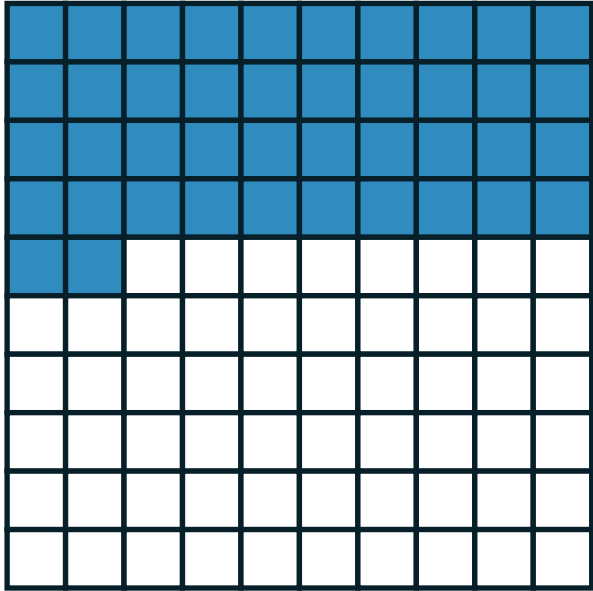
$$\frac{2}{5}$$

$$\frac{40}{100}$$

43%



Which is the largest amount? How do you know?



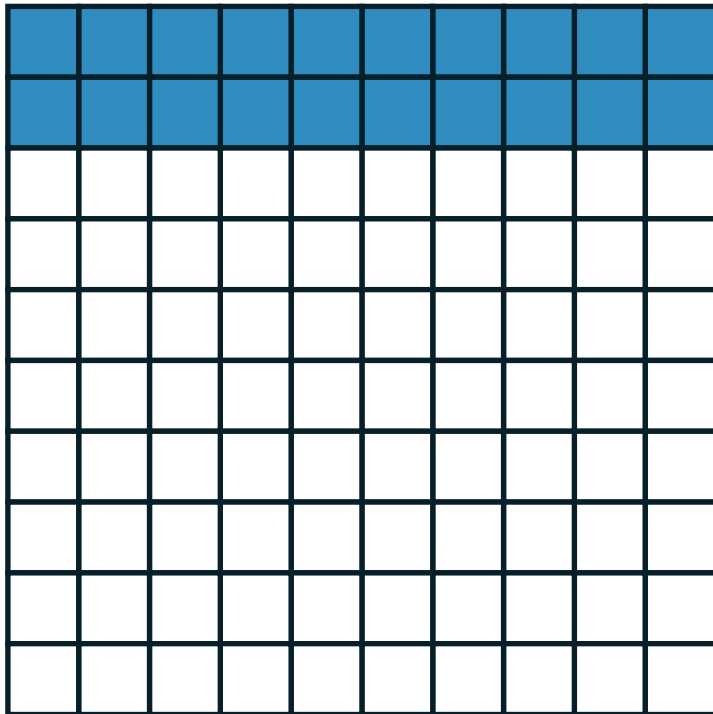
=  $\frac{40}{100} = 42\%$

$\frac{2}{5} = 40\%$

$\frac{40}{100} = 40\%$

43% 43% is the largest

# Equivalent fractions, decimals and percentages



This hundred square shows 20 out of 100 shaded.

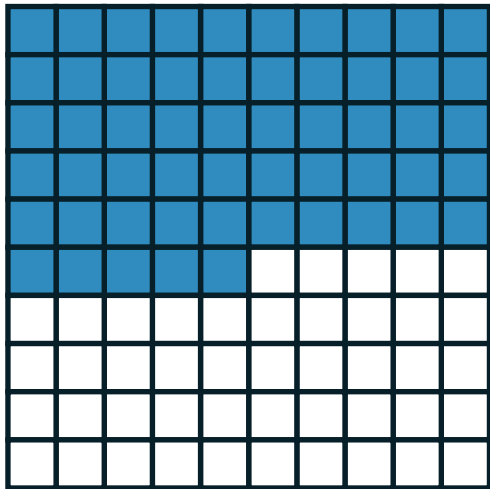
This is  $\frac{20}{100}$  as a fraction.

This is 20% as a percentage.

$\frac{20}{100} = \frac{2}{10} = 0.2$  as a decimal.

# Equivalent fractions, decimals and percentages

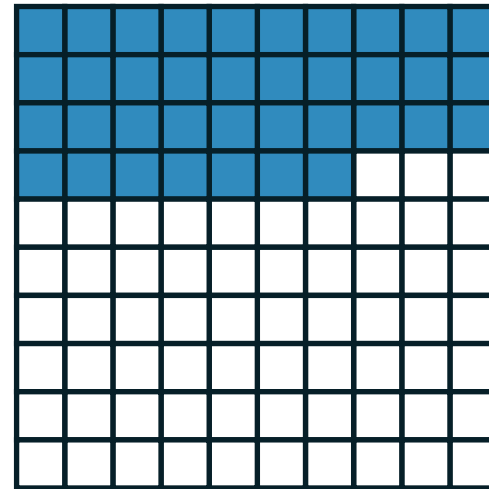
What are these hundred squares showing as a fraction, percentage and decimal?



Fraction =

Percentage =

Decimal =



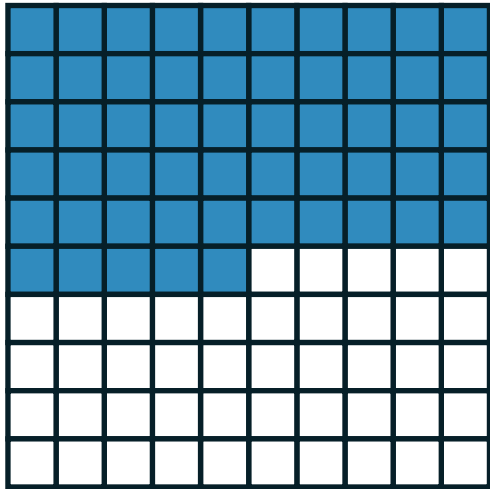
Fraction =

Percentage =

Decimal =

# Equivalent fractions, decimals and percentages

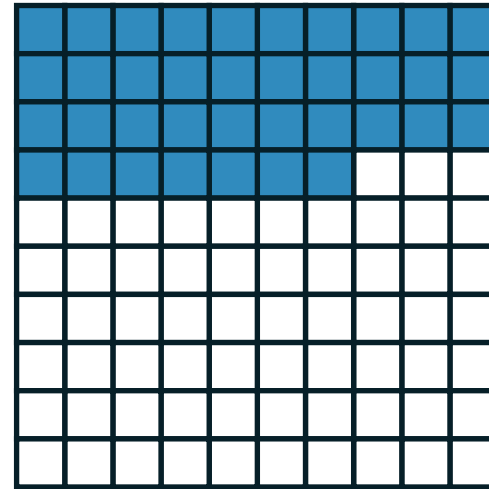
What are these hundred squares showing as a fraction, percentage and decimal?



Fraction =  $\frac{55}{100}$

Percentage = 55%

Decimal = 0.55



Fraction =  $\frac{37}{100}$

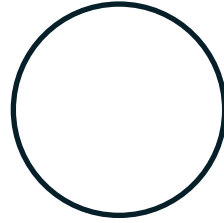
Percentage = 37%

Decimal = 0.37



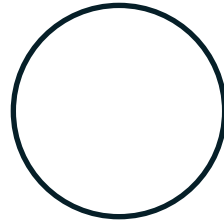
Use the < > = symbols to make these numbers sentences correct.

0.29



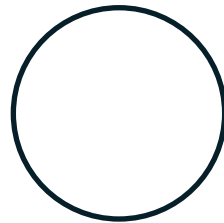
30%

52%



$\frac{1}{2}$

$\frac{4}{5}$



0.85





Use the < > = symbols to make these numbers sentences correct.

0.29



30%

52%



$\frac{1}{2}$

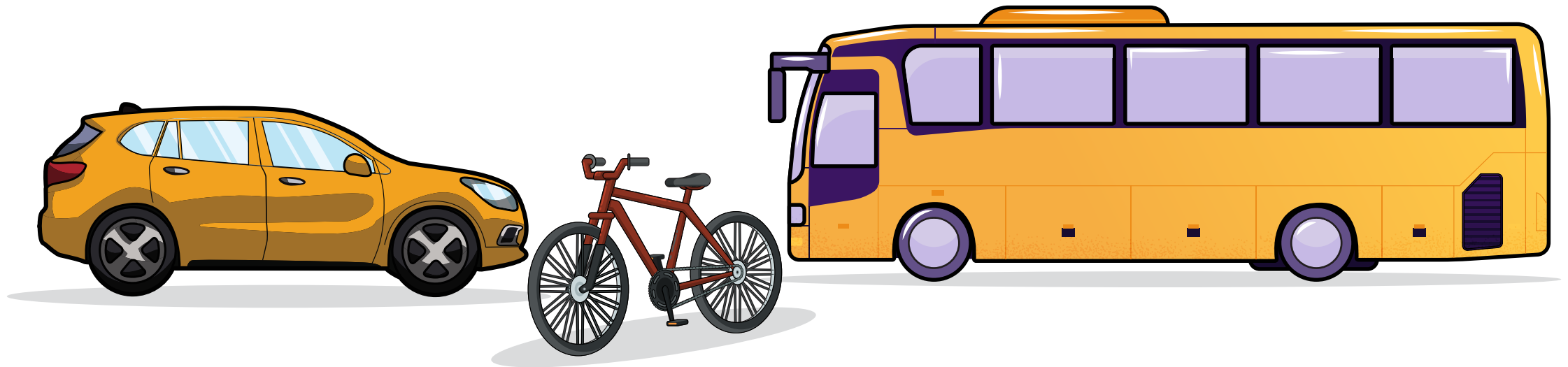
$\frac{4}{5}$



0.85

A survey of children showed that 47% take the bus to school, 16% are driven to school and 0.22 ride their bikes to school. The rest of the students walk to school.

What fraction of children walk to school?



A survey of children showed that 47% take the bus to school, 16% are driven to school and 0.22 ride their bikes to school. The rest of the students walk to school.

What fraction of children walk to school?

$$47\% + 16\% + 0.22 \text{ (22\%)} = 85\%$$

$$100 - 85 = 15\%$$

$$15\% = \frac{15}{100} = \frac{3}{20} \text{ so } \frac{3}{20} \text{ walk.}$$

