03.02.21   Fluent in five

1) $4{,}923 \div 9 =$

2) $30 - (15 + 3) =$

3) _____ $\div 100 = 0.56$

4) $539{,}000 - 56{,}227 =$

5) 6^2

6) $9\dfrac{6}{10} - 1\dfrac{1}{2} =$

1) $4{,}923 \div 3 =$

2) $30 - (15 + 3) =$

3) $56 \div 100 =$

4) $5390 - 5227$

5) $\dfrac{1}{2} - \dfrac{1}{4} =$

WALT convert fractions to percentages
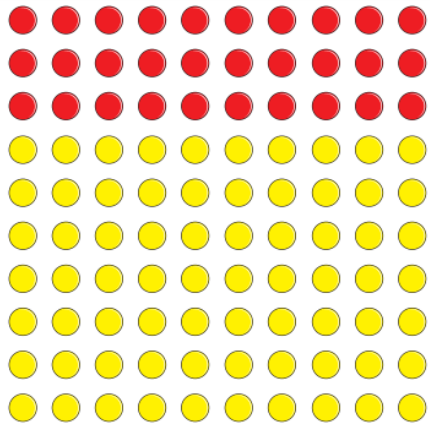
https://vimeo.com/492449530

What does percent mean?

Due to this, if we want to convert fractions to percentages, what denominator would help us?

$$\frac{34}{100} =$$

How would we work out the percentage here?

What fraction of the array of counters is red?

What fraction of the array of counters is yellow?
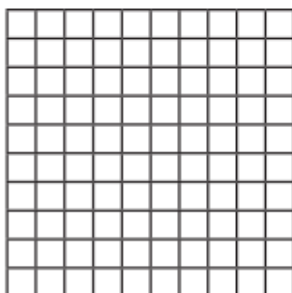
What percentage of the array of counters is red?   %

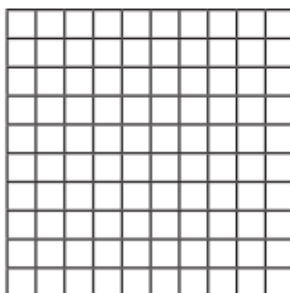What percentage of the array of counters is yellow?   %

What do you notice about the two percentages?
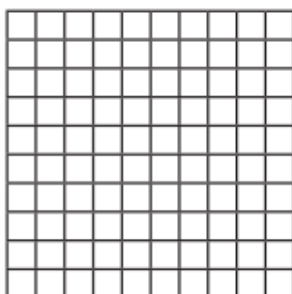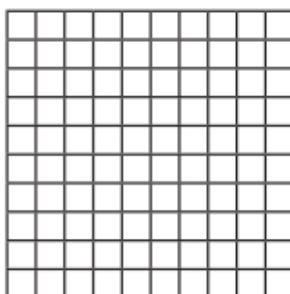
Let's find the percentages together

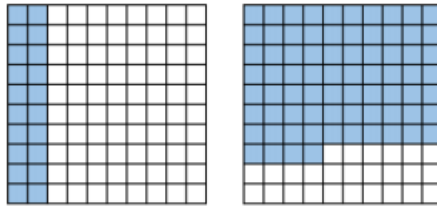$$\frac{40}{100}$$

$$\frac{65}{100}$$

$$\frac{1}{2}$$

$$\frac{7}{10}$$

Varied Fluency

What fraction of each hundred square is shaded? Write the fractions as percentages.

Complete the table.

Fraction	Percentage
$\frac{1}{2}$	
$\frac{1}{4}$	
$\frac{1}{10}$	
$\frac{1}{5}$	

Fill in the missing numbers.

$$\frac{12}{100} = \boxed{}\%$$

$$\frac{\boxed{}}{100} = 35\%$$

$$\frac{12}{50} = \frac{\boxed{}}{100} = \boxed{}\%$$

$$\frac{44}{\boxed{}} = \frac{22}{100} = 22\%$$

In a Maths test, Tommy answered 62% of the questions correctly.

Rosie answered $\frac{3}{5}$ of the questions correctly.

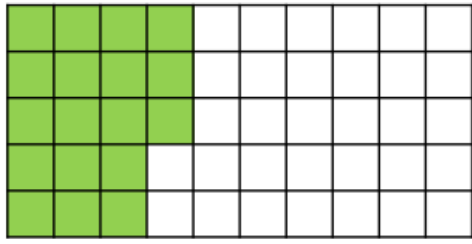Who answered more questions correctly?

Explain your answer.

$\frac{1}{10}$ is 10%, so $\frac{1}{20}$ must be 20%.

Explain the mistake that Ron has made.

What is the correct answer?

Amir thinks that 18% of the grid has been shaded.

Dora thinks that 36% of the grid has been shaded.

Who do you agree with?

Explain your reasoning.