

13/01/2021

LO: To write percentages as a fraction with denominator 100, and as a decimal fraction.

Teddy says,



To convert a fraction to a percentage, you just need to put a percent sign next to the numerator.

At a cinema,  $\frac{4}{10}$  of the audience are adults.

The rest of the audience is made up of boys and girls.

There are twice as many girls as boys.

Is Teddy correct? Explain your answer.

What percentage of the audience are girls?

Alex has read 93 pages of her book. Her book has 300 pages. What proportion of her book has she read? Give your answer as a percentage and a decimal.

$$\frac{93}{300} = \frac{?}{100} = \text{_____} \% = \text{_____}$$

Record the fractions as decimals and percentages.

$$\frac{120}{300} \quad \frac{320}{400} \quad \frac{20}{200} \quad \frac{12}{50}$$

Three children have each read 360 pages of their own book.

Ron's book has 500 pages.

Dora's book has 400 pages.

Eva's book has 600 pages.

What fraction of their books have they each read?

What percentage of their books have they read?

How much of their books have they each read as a decimal?

Who has read the most of their book?