

Untitled - SMART Notebook

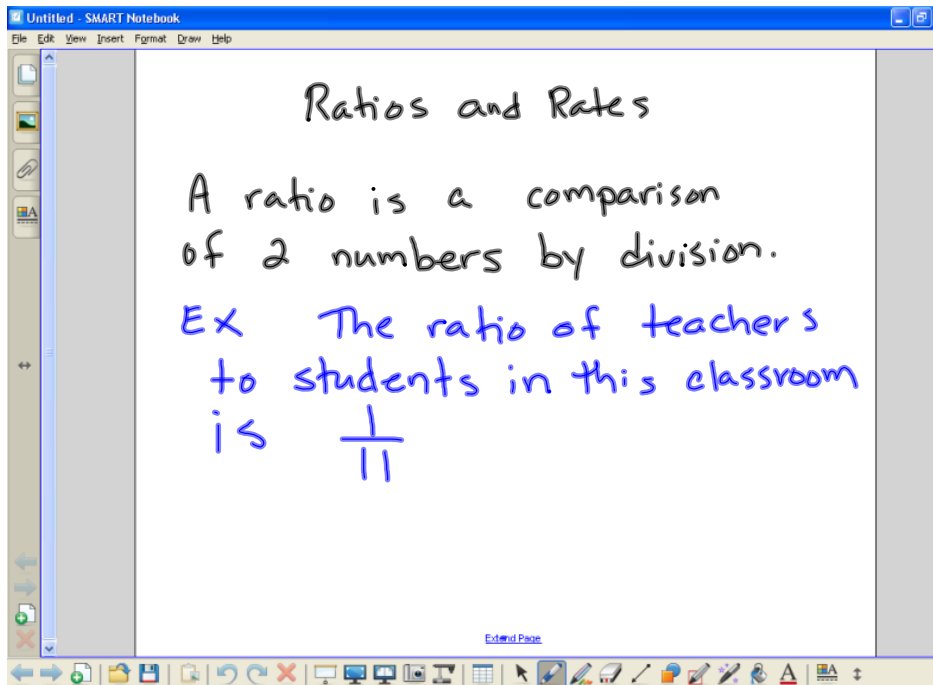
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## Ratios and Rates

A ratio is a comparison of 2 numbers by division.

EX The ratio of teachers to students in this classroom is  $\frac{1}{11}$

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Oct 29-11:52 AM

Express the ratio  $\frac{100z}{11b}$  in simplest form.

$$\frac{100z}{11b} = \frac{100z \div 2}{11b \div 2} = \frac{50z}{5.5b}$$

Oct 29-11:58 AM

## Rates

A rate is a special kind of ratio comparing 2 numbers with different units.

A.J.  $\rightarrow$  about 8 yds/carry

Will  $\rightarrow$  6 tackles/game

Ben  $\rightarrow$  \$20/100 bales

A Unit rate is a rate that is simplified so you have 1 in the denominator.