

VIDYA BHAWAN BALIKA VIDYA PITH

CLASS- 5

DATE – 25. 08.21

SUB- MATHS

C. T – PRAGYA

BASED ON N.C.E.R.T PATTERN

CH – PERCENT

EQUIVALENT FORMS OF PERCENT

Percent can be expressed in more than  
One form .

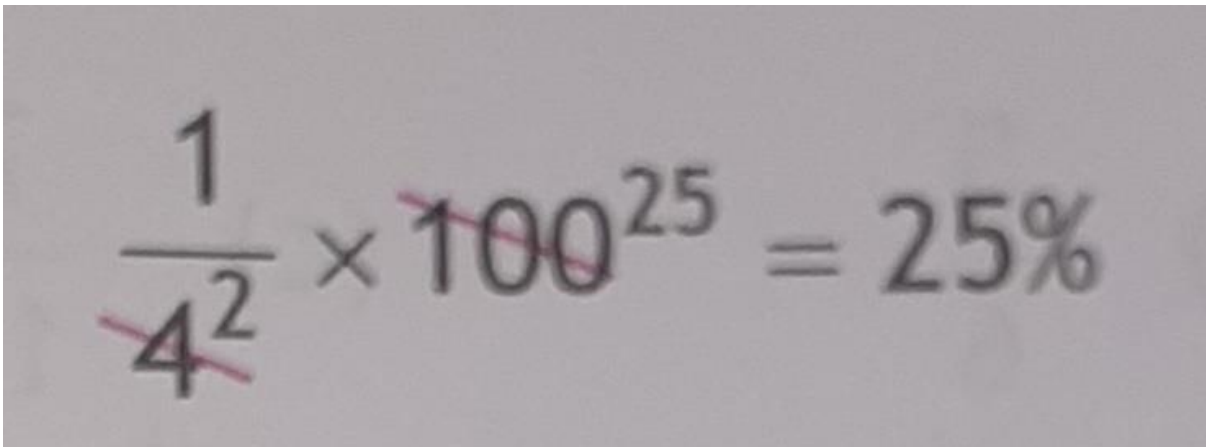
1. To write a fraction as a percent .

Example : Express  $\frac{3}{5}$  as a percent

$$\begin{aligned} \text{Solution : } \frac{3}{5} \times \frac{20}{20} \\ = \frac{60}{100} = 60\% \end{aligned}$$

Example : Express  $\frac{1}{4}$  as a percent .

$$\text{Solution : } \frac{1}{4} \times 100$$



A photograph of a handwritten mathematical solution on a grey background. The equation is  $\frac{1}{4} \times 100 = 25\%$ . The number 4 in the denominator and the number 100 are crossed out with red lines. The number 25 is written as a superscript, and the final result is 25%.

$$\frac{1}{\cancel{4}} \times \cancel{100}^{25} = 25\%$$

2. To write a percent as a fraction.

Example : Express 60 % as a fraction.

Solution :  $60 \% = 60 / 100$

$$= 60 / 100 \div 20 / 20 = 3/5$$

Example 2 : Express  $12 \frac{1}{2} \%$  as a fraction.

Solution :  $25 / 2 \div 100 = 25 / 200 = 1/8$

In C . W

See example and solve EX – 13 A .

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