Dividing by 25 into a fraction/decimal:

A. Dividing by 25 into a decimal or a percent is easy since:

$$\frac{n}{25} = \frac{4n}{100}$$

B. Therefore, we can multiply by 4 and divide by 100.

Ex [1] $\dfrac{7}{25} =$ _____(decimal).

   a. Multiply: 7 x 4 = 28.

   b. 28 $\div$ 100 = .28.

   c. The answer is .28.

Ex [2] $\dfrac{23}{25} =$ _____(percent).

   a. 23 x 4 = 92.

   b. 92 / 100 = .92.

   c. As a percent, .92 is 92%.

   d. The answer is 92.

C. Notice, as in Ex [2], that when changing to a percent, you only need to multiply by 4 .