Dividing By 40 Into Decimal/Percent:

A. Dividing by 40 into a decimal or a percent is easy since:

$$\frac{n}{40} = \frac{25 \cdot n}{1000}$$

B. Therefore, we can *multiply by 25* and divide by 1000.

Ex [1] $\frac{3}{40} =$ _____(decimal).

    a. Multiply 3 x 25 we get 75.

    b. $75 \div 1000 = .075$.

    c. The answer is .075

Ex [2] $\frac{31}{40} =$ _____(percent).

    a. 31 x 25 = 775.

    b. $775 \div 1000 = .775$.

    c. As a percent this is 77.5%.

    d. The answer is 77.5.