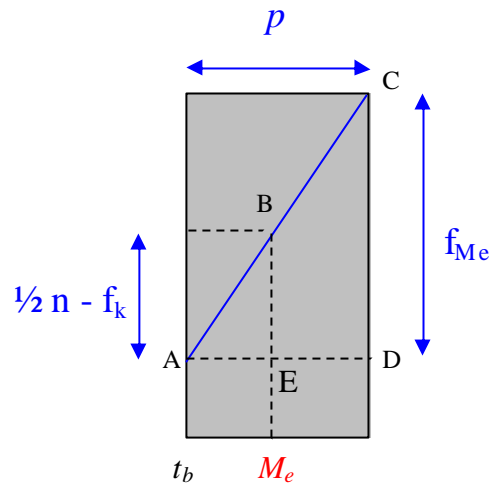
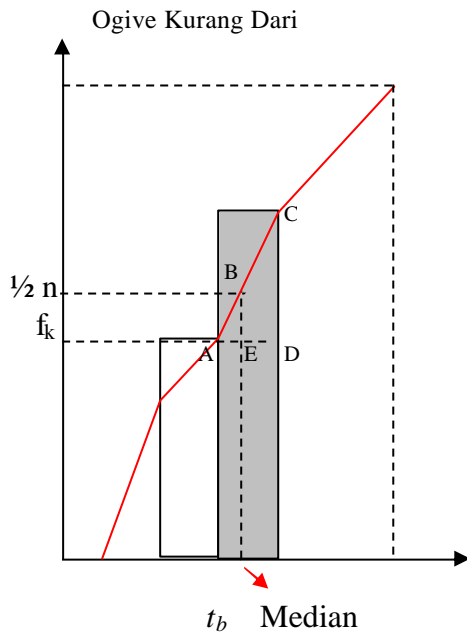


# Median ( $Me$ ) Data Berkelompok



Perhatikan  $\triangle ABE$  dan  $\triangle ACD$

$\angle AEB = \angle ADC$  dan  $\angle ABE = \angle ACD$

Sehingga  $\frac{AE}{AD} = \frac{BE}{CD}$

Misalkan  $AE = x$  maka:

$$\frac{x}{p} = \frac{\frac{1}{2}n - f_k}{f_{Me}}$$

$$x = \left( \frac{\frac{1}{2}n - f_k}{f_{Me}} \right) p$$

Median:  $Me = t_b + x$

Jadi, Median:  $Me = t_b + \left( \frac{\frac{1}{2}n - f_k}{f_{Me}} \right) p$

Keterangan:

1.  $Me$  = Median
2.  $t_b$  = Tepi Bawah Kelas  $Me$
3.  $n$  = Ukuran Data
4.  $f_k$  = Frekuensi Kumulatif Kelas Sebelum Kelas  $Me$
5.  $f_{me}$  = Frekuensi Kelas  $Me$
6.  $p$  = Panjang Kelas