



Nama :

Klas / No. Absen:

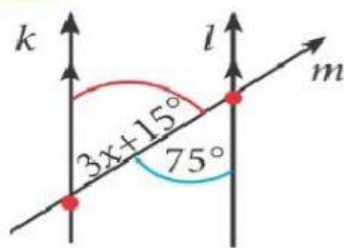
Sudut-sudut pada Dua Garis Sejajar



pidio



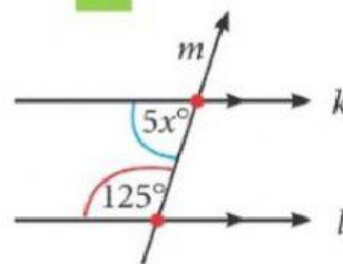
1



Tentukan nilai x !

$$\begin{aligned}
 3x + 15^\circ &= 75^\circ \\
 3x &= 75^\circ - 15^\circ \\
 3x &= 60^\circ \\
 x &= \frac{60^\circ}{3} \\
 x &= 20^\circ
 \end{aligned}$$

2



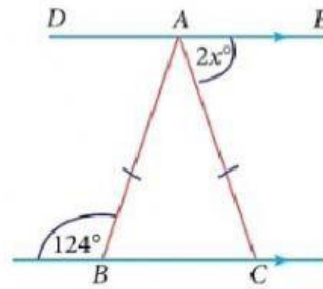
Tentukan nilai x !

$$\begin{aligned}
 2) \quad 5x^\circ + 125^\circ &= 180^\circ \\
 5x^\circ &= 180^\circ - 125^\circ \\
 5x^\circ &= 55^\circ \\
 x &= \frac{55^\circ}{5} \\
 x &= 11^\circ
 \end{aligned}$$

3

Perhatikan posisi setiap pasangan sudut pada gambar di samping.

Tentukanlah nilai x .



$$\begin{aligned} \angle EAC &= 2x^\circ \\ \angle ACB &= 2x^\circ \end{aligned} \quad \left. \vphantom{\begin{aligned} \angle EAC &= 2x^\circ \\ \angle ACB &= 2x^\circ \end{aligned}} \right\} \text{ sudut bertolak belakang}$$

$\triangle ABC$ sama kaki

$$\angle ABC = 2x^\circ$$

$$124^\circ + 2x^\circ = 180^\circ$$

$$2x^\circ = 180^\circ - 124^\circ$$

$$2x^\circ = 56^\circ$$

$$x = 28^\circ$$

$$x = 28^\circ$$

Terima Kasih

