

Задача 3.

6.

$d_1 \parallel d_2$
 $m(\widehat{BCD}) = 60^\circ$
 $m(\widehat{CBD}) = m(\widehat{DBA})$
 $m(\widehat{EDC}) = m(\widehat{CDB})$
 $\Rightarrow m(\widehat{CBL}) = \alpha = ?$

A) 20 B) 40 C) 50 D) 60 E) 80

Решение:

На картинке

16.

$d_1 \parallel d_2$
 $m(\widehat{BCD}) = 60^\circ$
 $m(\widehat{CBD}) = m(\widehat{DBA})$
 $m(\widehat{EDC}) = m(\widehat{CDB})$
 $\Rightarrow m(\widehat{CBL}) = \alpha = ?$

$$\triangle BCD: 60^\circ + 3x = 180^\circ \Rightarrow x = 40^\circ$$

$$\widehat{LBA}: \alpha + 160^\circ = 180^\circ \Rightarrow \alpha = 20^\circ$$

Ответ: 20°