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Bisectoarea

Varianta 1

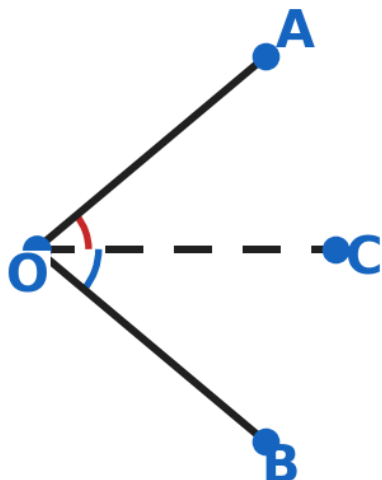
1.

OC este bisectoarea unghiului AOB.

$$\angle AOB = 80^\circ$$

$$\angle AOC = \dots\dots\dots^\circ$$

$$\angle COB = \dots\dots\dots^\circ$$



Rezolvare: _____

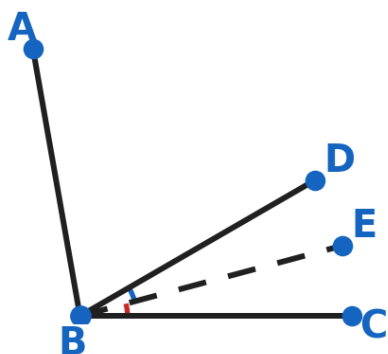
3.

BE este bisectoarea unghiului DBC.

$$\angle ABC = 100^\circ; \angle EBC = 15^\circ$$

$$\angle EBD = \dots\dots\dots^\circ$$

$$\angle ABD = \dots\dots\dots^\circ$$



Rezolvare: _____

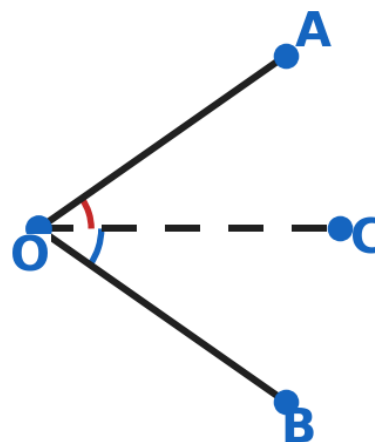
2.

OC este bisectoarea unghiului AOB.

$$\angle AOC = 35^\circ$$

$$\angle AOB = \dots\dots\dots^\circ$$

$$\angle COB = \dots\dots\dots^\circ$$



Rezolvare: _____

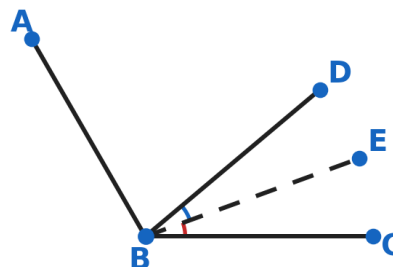
4.

BE este bisectoarea unghiului DBC.

$$\angle ABC = 120^\circ; \angle ABD = 80^\circ$$

$$\angle EBD = \dots\dots\dots^\circ$$

$$\angle EBC = \dots\dots\dots^\circ$$



Rezolvare: _____



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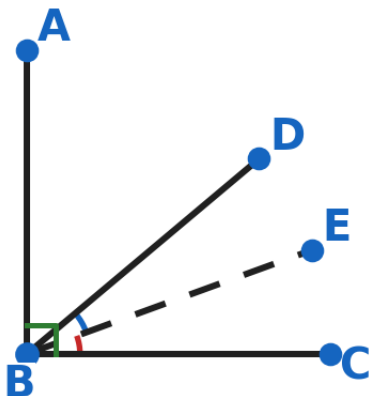
△ ÷ + × ▢

Locul unde matematica devine joacă!



5.

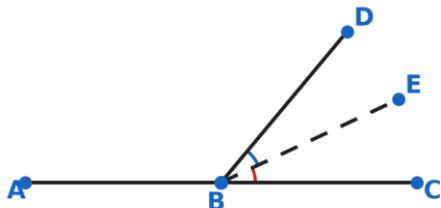
$\angle ABC = 90^\circ$; BE este bisectoarea unghiului DBC.
 $\angle EBD = 20^\circ$
 $\angle EBC = \dots\dots^\circ$
 $\angle ABD = \dots\dots^\circ$



Rezolvare: _____

7.

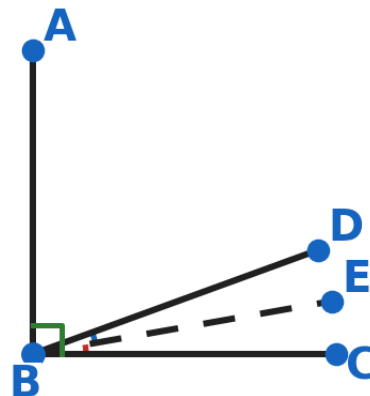
$\angle ABC = 180^\circ$; BE este bisectoarea unghiului DBC.
 $\angle EBD = 25^\circ$
 $\angle EBC = \dots\dots^\circ$
 $\angle ABD = \dots\dots^\circ$



Rezolvare: _____

6.

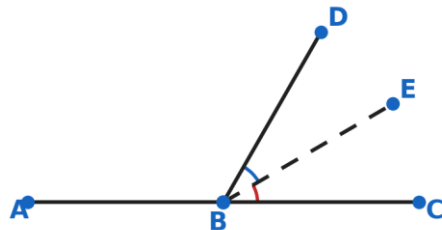
$\angle ABC = 90^\circ$; BE este bisectoarea unghiului DBC.
 $\angle ABD = 70^\circ$
 $\angle EBC = \dots\dots^\circ$
 $\angle EBD = \dots\dots^\circ$



Rezolvare: _____

8.

$\angle ABC = 180^\circ$; BE este bisectoarea unghiului DBC.
 $\angle ABD = 120^\circ$
 $\angle EBC = \dots\dots^\circ$
 $\angle EBD = \dots\dots^\circ$



Rezolvare: _____



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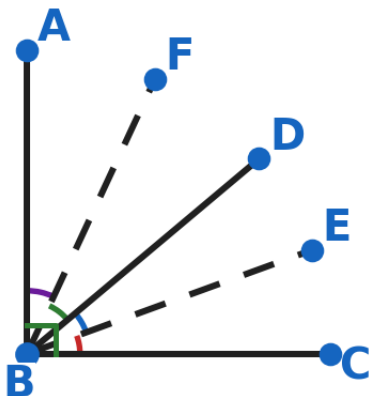
9.

$\angle ABC = 90^\circ$; BE este bisectoarea unghiului DBC, iar BF este bisectoarea unghiului ABD.

$\angle EBD = 20^\circ$

$\angle EBC = \dots\dots\dots^\circ$

$\angle ABF = \dots\dots\dots^\circ$; $\angle DBF = \dots\dots\dots^\circ$



Rezolvare: _____

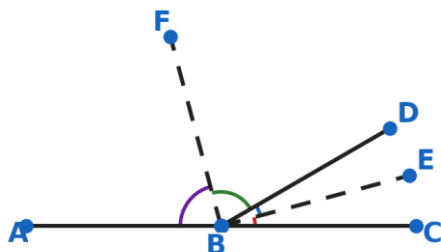
11.

$\angle ABC = 180^\circ$; BE este bisectoarea unghiului DBC, iar BF este bisectoarea unghiului ABD.

$\angle EBC = 15^\circ$

$\angle EBD = \dots\dots\dots^\circ$

$\angle ABF = \dots\dots\dots^\circ$; $\angle DBF = \dots\dots\dots^\circ$

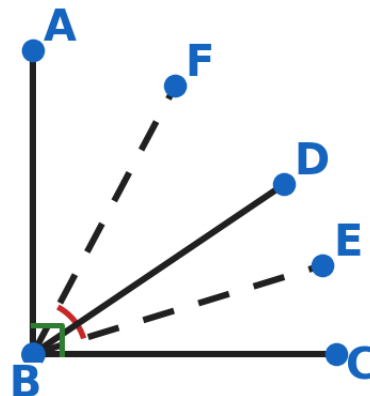


Rezolvare: _____

10.

$\angle ABC = 90^\circ$; BE este bisectoarea unghiului DBC, iar BF este bisectoarea unghiului ABD.

$\angle EBF = \dots\dots\dots^\circ$

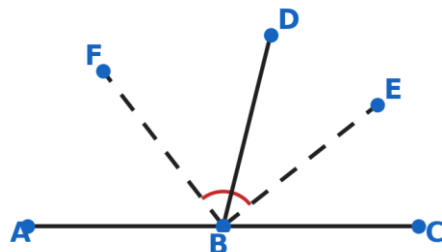


Rezolvare: _____

12.

$\angle ABC = 180^\circ$; BE este bisectoarea unghiului DBC, iar BF este bisectoarea unghiului ABD.

$\angle EBF = \dots\dots\dots^\circ$



Rezolvare: _____



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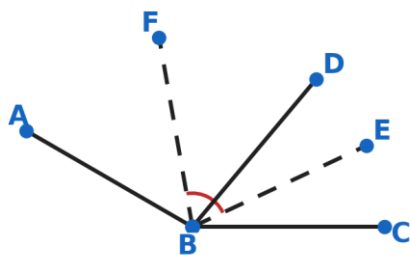
matematica.fun

△ ÷ + × ▢

Locul unde matematica devine joacă!

13.

$\angle ABC = 150^\circ$; BE este bisectoarea unghiului DBC, iar BF este bisectoarea unghiului ABD.
 $\angle EBF = \dots\dots\dots^\circ$



Rezolvare: _____



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Bisectoarea

Varianta 2

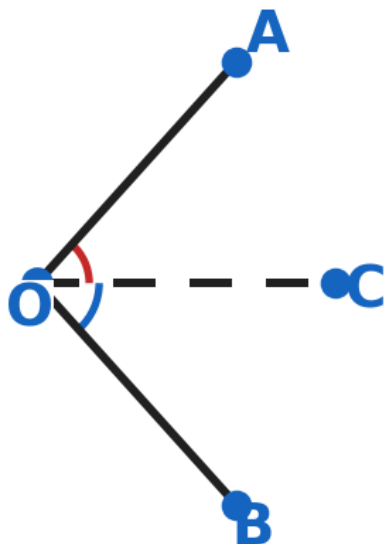
14.

OC este bisectoarea unghiului AOB.

$$\angle AOB = 96^\circ$$

$$\angle AOC = \dots\dots^\circ$$

$$\angle COB = \dots\dots^\circ$$



Rezolvare: _____

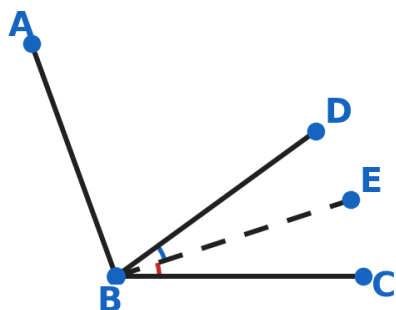
16.

BE este bisectoarea unghiului DBC.

$$\angle ABC = 110^\circ; \angle EBC = 18^\circ$$

$$\angle EBD = \dots\dots^\circ$$

$$\angle ABD = \dots\dots^\circ$$



Rezolvare: _____

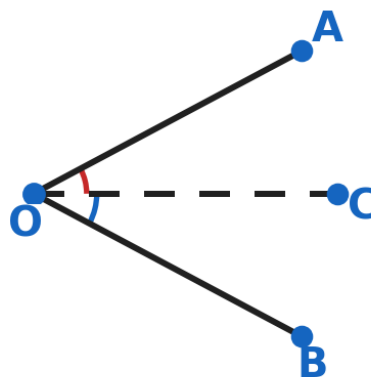
15.

OC este bisectoarea unghiului AOB.

$$\angle AOC = 28^\circ$$

$$\angle AOB = \dots\dots^\circ$$

$$\angle COB = \dots\dots^\circ$$



Rezolvare: _____

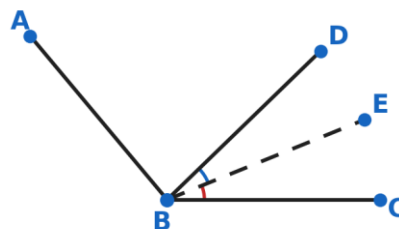
17.

BE este bisectoarea unghiului DBC.

$$\angle ABC = 130^\circ; \angle ABD = 86^\circ$$

$$\angle EBD = \dots\dots^\circ$$

$$\angle EBC = \dots\dots^\circ$$



Rezolvare: _____



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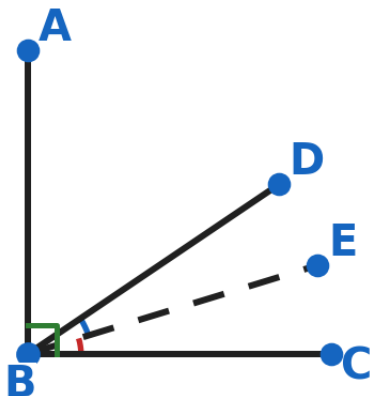
△ ÷ + × ▢

Locul unde matematica devine joacă!



18.

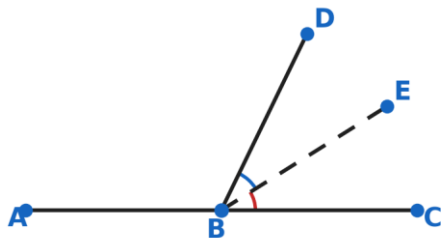
$\angle ABC = 90^\circ$; BE este bisectoarea unghiului DBC.
 $\angle EBD = 17^\circ$
 $\angle EBC = \dots\dots\dots^\circ$
 $\angle ABD = \dots\dots\dots^\circ$



Rezolvare: _____

20.

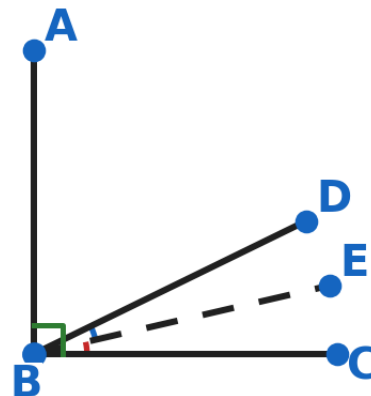
$\angle ABC = 180^\circ$; BE este bisectoarea unghiului DBC.
 $\angle EBD = 32^\circ$
 $\angle EBC = \dots\dots\dots^\circ$
 $\angle ABD = \dots\dots\dots^\circ$



Rezolvare: _____

19.

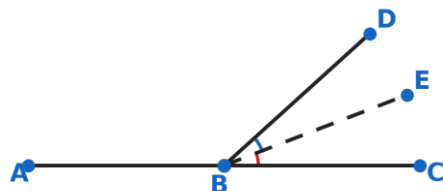
$\angle ABC = 90^\circ$; BE este bisectoarea unghiului DBC.
 $\angle ABD = 64^\circ$
 $\angle EBC = \dots\dots\dots^\circ$
 $\angle EBD = \dots\dots\dots^\circ$



Rezolvare: _____

21.

$\angle ABC = 180^\circ$; BE este bisectoarea unghiului DBC.
 $\angle ABD = 138^\circ$
 $\angle EBC = \dots\dots\dots^\circ$
 $\angle EBD = \dots\dots\dots^\circ$



Rezolvare: _____



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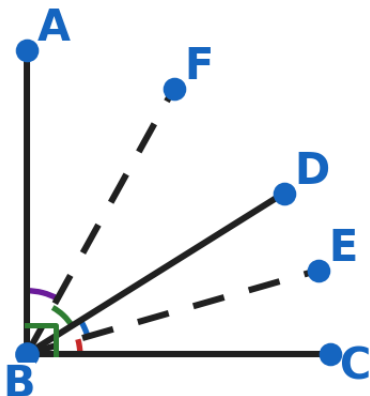
22.

$\angle ABC = 90^\circ$; BE este bisectoarea unghiului DBC, iar BF este bisectoarea unghiului ABD.

$\angle EBD = 16^\circ$

$\angle EBC = \dots\dots^\circ$

$\angle ABF = \dots\dots^\circ$; $\angle DBF = \dots\dots^\circ$

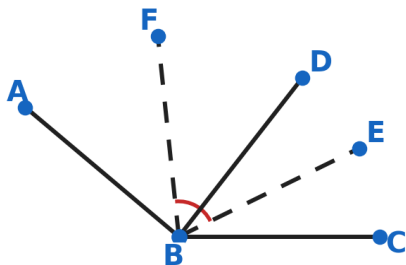


Rezolvare: _____

24.

$\angle ABC = 140^\circ$; BE este bisectoarea unghiului DBC, iar BF este bisectoarea unghiului ABD.

$\angle EBF = \dots\dots^\circ$



Rezolvare: _____

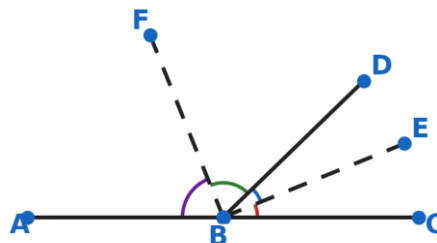
23.

$\angle ABC = 180^\circ$; BE este bisectoarea unghiului DBC, iar BF este bisectoarea unghiului ABD.

$\angle EBC = 22^\circ$

$\angle EBD = \dots\dots^\circ$

$\angle ABF = \dots\dots^\circ$; $\angle DBF = \dots\dots^\circ$



Rezolvare: _____



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Locul unde matematica devine joacă!

Bisectoarea

Varianta 3

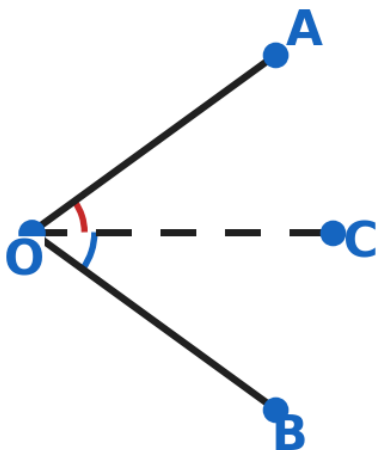
25.

OC este bisectoarea unghiului AOB.

$$\angle AOB = 72^\circ$$

$$\angle AOC = \dots\dots\dots^\circ$$

$$\angle COB = \dots\dots\dots^\circ$$



Rezolvare: _____

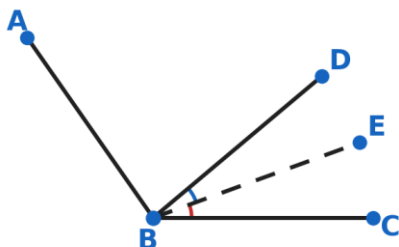
27.

BE este bisectoarea unghiului DBC.

$$\angle ABC = 125^\circ; \angle EBC = 20^\circ$$

$$\angle EBD = \dots\dots\dots^\circ$$

$$\angle ABD = \dots\dots\dots^\circ$$



Rezolvare: _____

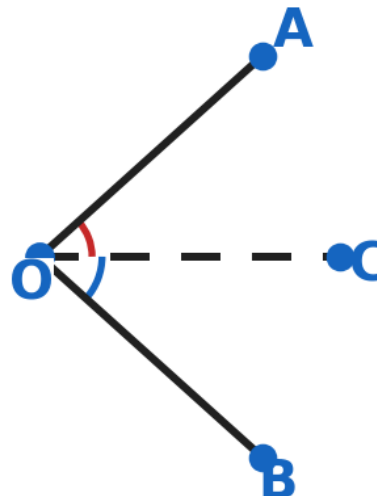
26.

OC este bisectoarea unghiului AOB.

$$\angle AOC = 42^\circ$$

$$\angle AOB = \dots\dots\dots^\circ$$

$$\angle COB = \dots\dots\dots^\circ$$



Rezolvare: _____

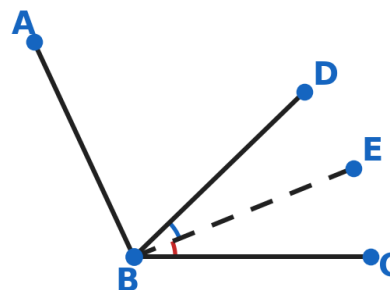
28.

BE este bisectoarea unghiului DBC.

$$\angle ABC = 115^\circ; \angle ABD = 71^\circ$$

$$\angle EBD = \dots\dots\dots^\circ$$

$$\angle EBC = \dots\dots\dots^\circ$$



Rezolvare: _____



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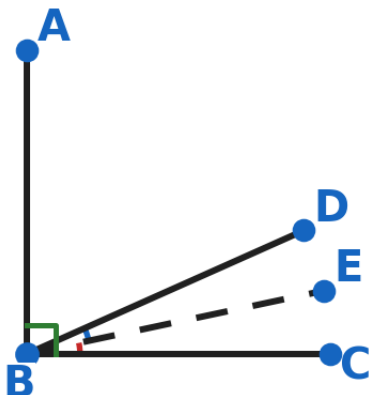
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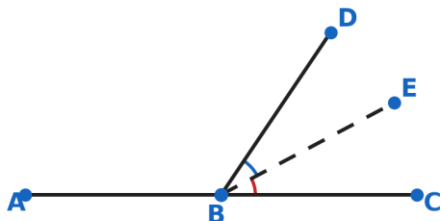


29.

 $\angle ABC = 90^\circ$; BE este bisectoarea unghiului DBC. $\angle EBD = 12^\circ$ $\angle EBC = \dots\dots\dots^\circ$ $\angle ABD = \dots\dots\dots^\circ$ 

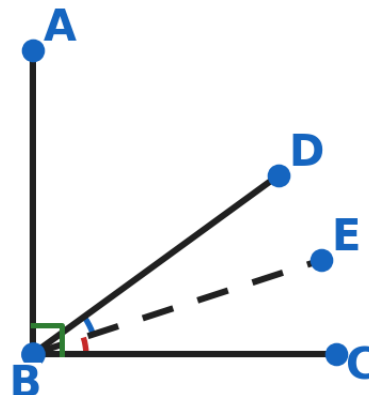
Rezolvare: _____

31.

 $\angle ABC = 180^\circ$; BE este bisectoarea unghiului DBC. $\angle EBD = 28^\circ$ $\angle EBC = \dots\dots\dots^\circ$ $\angle ABD = \dots\dots\dots^\circ$ 

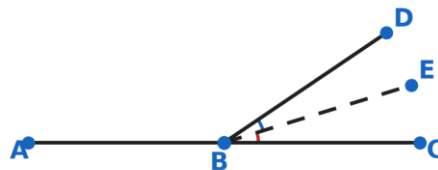
Rezolvare: _____

30.

 $\angle ABC = 90^\circ$; BE este bisectoarea unghiului DBC. $\angle ABD = 54^\circ$ $\angle EBC = \dots\dots\dots^\circ$ $\angle EBD = \dots\dots\dots^\circ$ 

Rezolvare: _____

32.

 $\angle ABC = 180^\circ$; BE este bisectoarea unghiului DBC. $\angle ABD = 146^\circ$ $\angle EBC = \dots\dots\dots^\circ$ $\angle EBD = \dots\dots\dots^\circ$ 

Rezolvare: _____



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Locul unde matematica devine joacă!

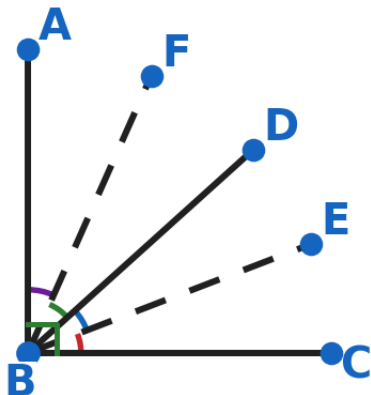
33.

$\angle ABC = 90^\circ$; BE este bisectoarea unghiului DBC, iar BF este bisectoarea unghiului ABD.

$\angle EBD = 21^\circ$

$\angle EBC = \dots\dots\dots^\circ$

$\angle ABF = \dots\dots\dots^\circ$; $\angle DBF = \dots\dots\dots^\circ$

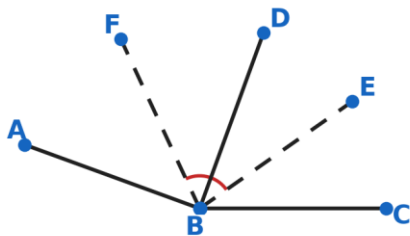


Rezolvare: _____

35.

$\angle ABC = 160^\circ$; BE este bisectoarea unghiului DBC, iar BF este bisectoarea unghiului ABD.

$\angle EBF = \dots\dots\dots^\circ$



Rezolvare: _____

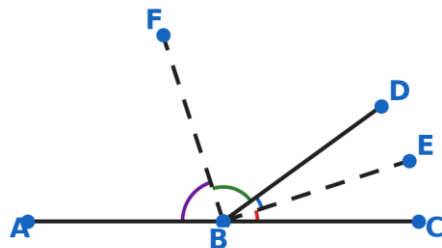
34.

$\angle ABC = 180^\circ$; BE este bisectoarea unghiului DBC, iar BF este bisectoarea unghiului ABD.

$\angle EBC = 18^\circ$

$\angle EBD = \dots\dots\dots^\circ$

$\angle ABF = \dots\dots\dots^\circ$; $\angle DBF = \dots\dots\dots^\circ$



Rezolvare: _____





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Bisectoarea

Varianta 4

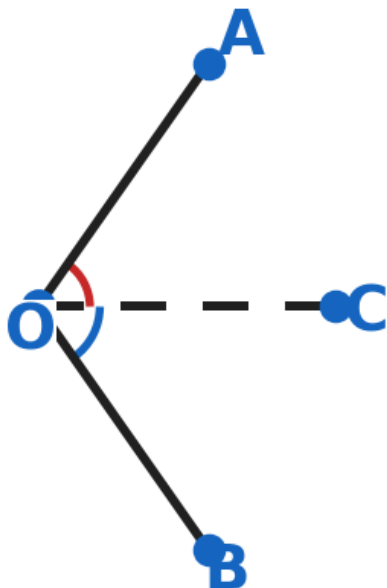
36.

OC este bisectoarea unghiului AOB.

$$\angle AOB = 110^\circ$$

$$\angle AOC = \dots\dots^\circ$$

$$\angle COB = \dots\dots^\circ$$



Rezolvare: _____

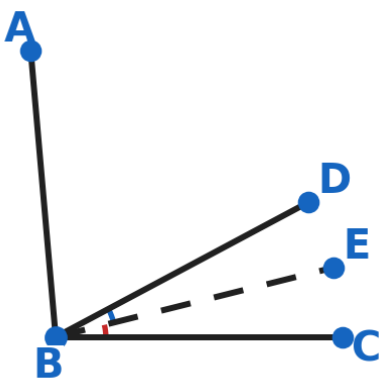
38.

BE este bisectoarea unghiului DBC.

$$\angle ABC = 95^\circ; \angle EBC = 14^\circ$$

$$\angle EBD = \dots\dots^\circ$$

$$\angle ABD = \dots\dots^\circ$$



Rezolvare: _____

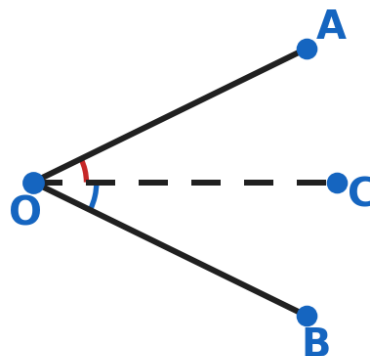
37.

OC este bisectoarea unghiului AOB.

$$\angle AOC = 26^\circ$$

$$\angle AOB = \dots\dots^\circ$$

$$\angle COB = \dots\dots^\circ$$



Rezolvare: _____

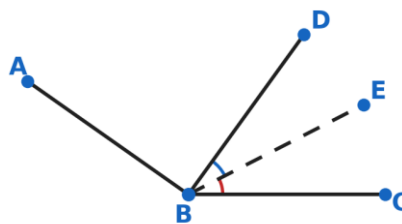
39.

BE este bisectoarea unghiului DBC.

$$\angle ABC = 145^\circ; \angle ABD = 91^\circ$$

$$\angle EBD = \dots\dots^\circ$$

$$\angle EBC = \dots\dots^\circ$$



Rezolvare: _____



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Locul unde matematica devine joacă!



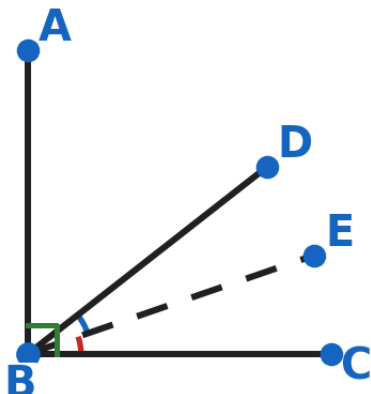
40.

$\angle ABC = 90^\circ$; BE este bisectoarea unghiului DBC.

$\angle EBD = 19^\circ$

$\angle EBC = \dots\dots\dots^\circ$

$\angle ABD = \dots\dots\dots^\circ$



Rezolvare: _____

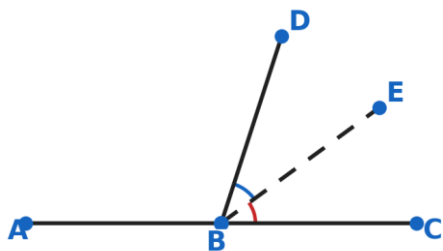
42.

$\angle ABC = 180^\circ$; BE este bisectoarea unghiului DBC.

$\angle EBD = 36^\circ$

$\angle EBC = \dots\dots\dots^\circ$

$\angle ABD = \dots\dots\dots^\circ$



Rezolvare: _____

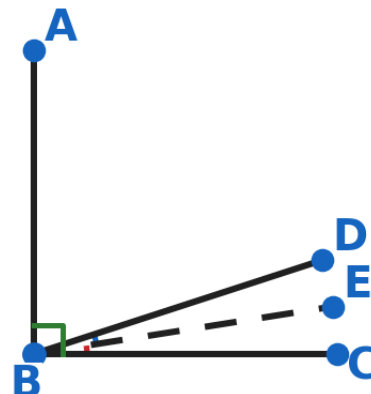
41.

$\angle ABC = 90^\circ$; BE este bisectoarea unghiului DBC.

$\angle ABD = 72^\circ$

$\angle EBC = \dots\dots\dots^\circ$

$\angle EBD = \dots\dots\dots^\circ$



Rezolvare: _____

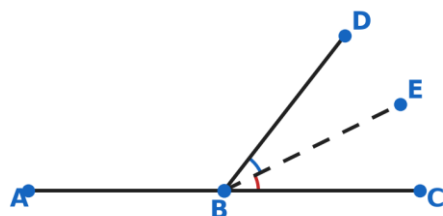
43.

$\angle ABC = 180^\circ$; BE este bisectoarea unghiului DBC.

$\angle ABD = 128^\circ$

$\angle EBC = \dots\dots\dots^\circ$

$\angle EBD = \dots\dots\dots^\circ$



Rezolvare: _____



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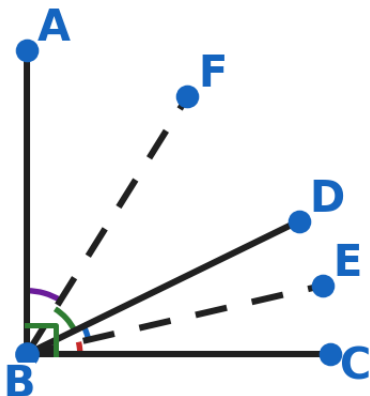
44.

$\angle ABC = 90^\circ$; BE este bisectoarea unghiului DBC, iar BF este bisectoarea unghiului ABD.

$\angle EBD = 13^\circ$

$\angle EBC = \dots\dots\dots^\circ$

$\angle ABF = \dots\dots\dots^\circ$; $\angle DBF = \dots\dots\dots^\circ$

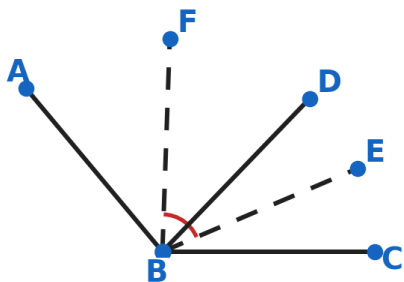


Rezolvare: _____

46.

$\angle ABC = 130^\circ$; BE este bisectoarea unghiului DBC, iar BF este bisectoarea unghiului ABD.

$\angle EBF = \dots\dots\dots^\circ$



Rezolvare: _____

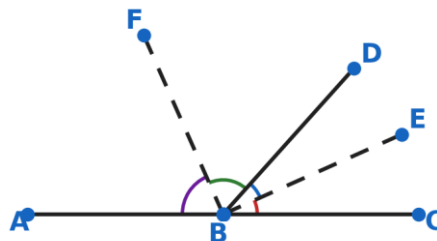
45.

$\angle ABC = 180^\circ$; BE este bisectoarea unghiului DBC, iar BF este bisectoarea unghiului ABD.

$\angle EBC = 24^\circ$

$\angle EBD = \dots\dots\dots^\circ$

$\angle ABF = \dots\dots\dots^\circ$; $\angle DBF = \dots\dots\dots^\circ$



Rezolvare: _____



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Locul unde matematica devine joacă!

Bisectoarea

Varianta 5

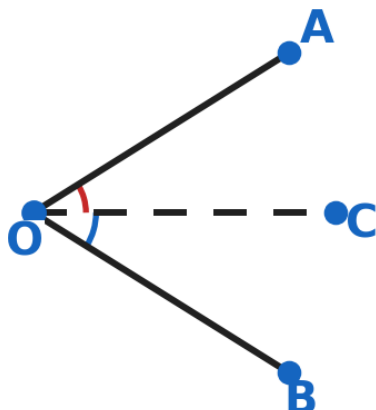
47.

OC este bisectoarea unghiului AOB.

$$\angle AOB = 64^\circ$$

$$\angle AOC = \dots\dots\dots^\circ$$

$$\angle COB = \dots\dots\dots^\circ$$



Rezolvare: _____

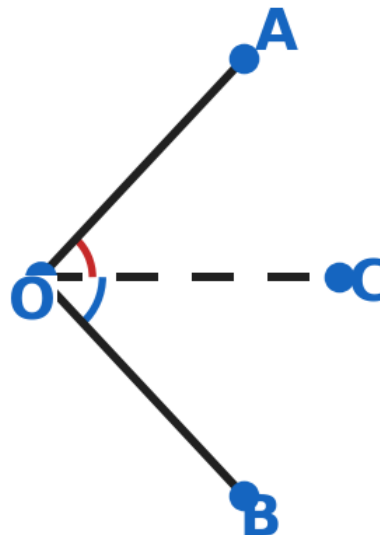
48.

OC este bisectoarea unghiului AOB.

$$\angle AOC = 47^\circ$$

$$\angle AOB = \dots\dots\dots^\circ$$

$$\angle COB = \dots\dots\dots^\circ$$



Rezolvare: _____

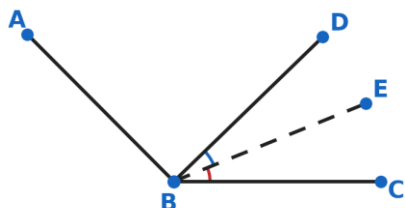
49.

BE este bisectoarea unghiului DBC.

$$\angle ABC = 135^\circ; \angle EBC = 22^\circ$$

$$\angle EBD = \dots\dots\dots^\circ$$

$$\angle ABD = \dots\dots\dots^\circ$$



Rezolvare: _____

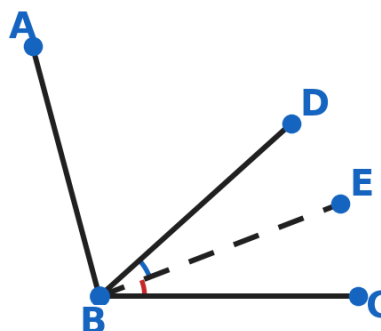
50.

BE este bisectoarea unghiului DBC.

$$\angle ABC = 105^\circ; \angle ABD = 63^\circ$$

$$\angle EBD = \dots\dots\dots^\circ$$

$$\angle EBC = \dots\dots\dots^\circ$$



Rezolvare: _____



÷ + ×

matematica.fun

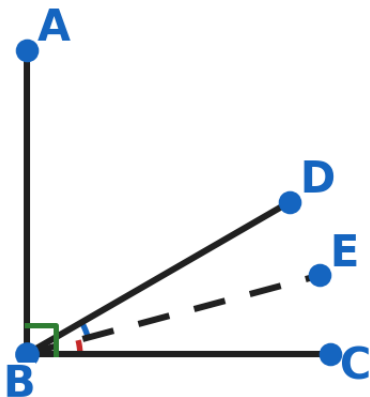
÷ +

×



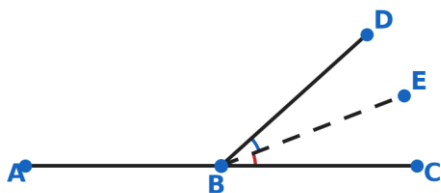
R.TITEL

51.

 $\angle ABC = 90^\circ$; BE este bisectoarea unghiului DBC. $\angle EBD = 15^\circ$ $\angle EBC = \dots\dots\dots^\circ$ $\angle ABD = \dots\dots\dots^\circ$ 

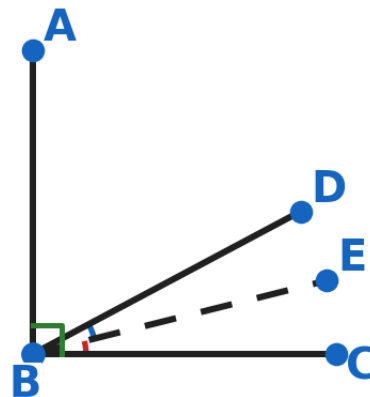
Rezolvare: _____

53.

 $\angle ABC = 180^\circ$; BE este bisectoarea unghiului DBC. $\angle EBD = 21^\circ$ $\angle EBC = \dots\dots\dots^\circ$ $\angle ABD = \dots\dots\dots^\circ$ 

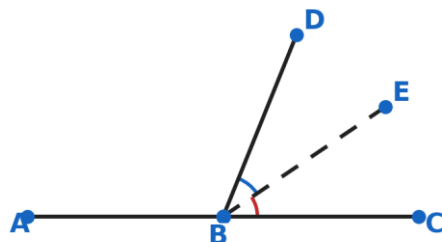
Rezolvare: _____

52.

 $\angle ABC = 90^\circ$; BE este bisectoarea unghiului DBC. $\angle ABD = 62^\circ$ $\angle EBC = \dots\dots\dots^\circ$ $\angle EBD = \dots\dots\dots^\circ$ 

Rezolvare: _____

54.

 $\angle ABC = 180^\circ$; BE este bisectoarea unghiului DBC. $\angle ABD = 112^\circ$ $\angle EBC = \dots\dots\dots^\circ$ $\angle EBD = \dots\dots\dots^\circ$ 

Rezolvare: _____



÷ + ×

matematica.fun

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Locul unde matematica devine joacă!

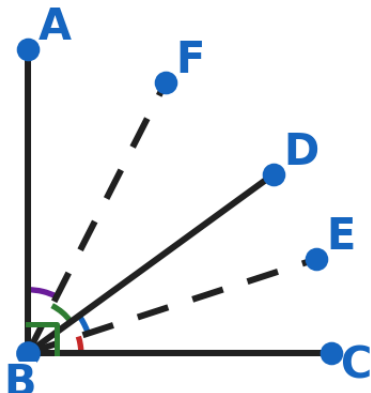
55.

$\angle ABC = 90^\circ$; BE este bisectoarea unghiului DBC, iar BF este bisectoarea unghiului ABD.

$\angle EBD = 18^\circ$

$\angle EBC = \dots^\circ$

$\angle ABF = \dots^\circ$; $\angle DBF = \dots^\circ$

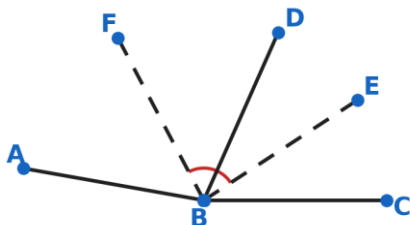


Rezolvare: _____

57.

$\angle ABC = 170^\circ$; BE este bisectoarea unghiului DBC, iar BF este bisectoarea unghiului ABD.

$\angle EBF = \dots^\circ$



Rezolvare: _____

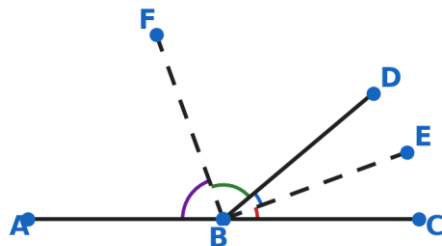
56.

$\angle ABC = 180^\circ$; BE este bisectoarea unghiului DBC, iar BF este bisectoarea unghiului ABD.

$\angle EBC = 20^\circ$

$\angle EBD = \dots^\circ$

$\angle ABF = \dots^\circ$; $\angle DBF = \dots^\circ$



Rezolvare: _____

R.TITEL

