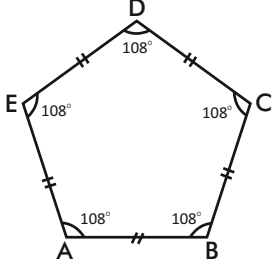


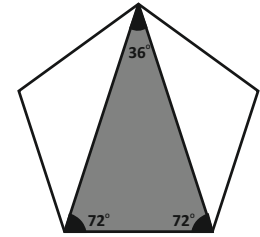
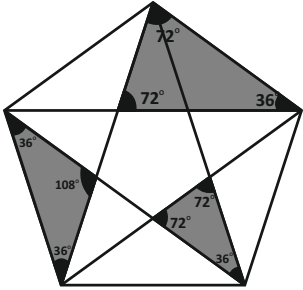
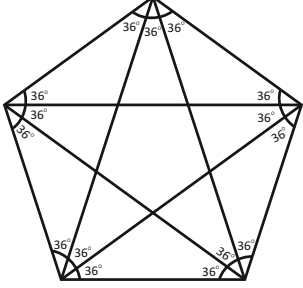
DÜZGÜN BEŞGEN

Hatırlatmalar:

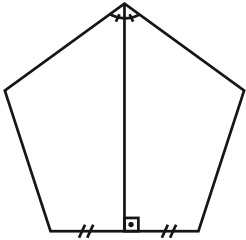
◆Tüm açıları 108° ve tüm kenar uzunlukları eşit olan beşgendir.



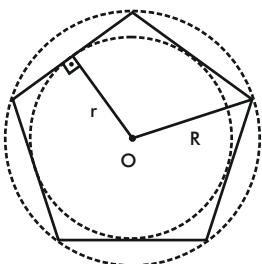
◆Düzgün beşgenin köşegenlerinin çizilmesiyle elde edilen tüm üçgenler ikiz kenardır.



◆Düzgün beşgenin bir köşesinden karşısındaki kenara çizilen dikme, düzgün beşgenin simetri eksenidir.

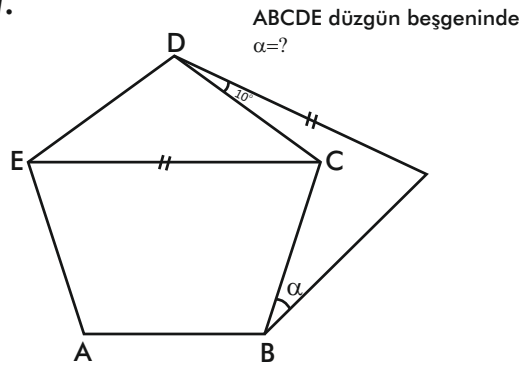


◆Düzgün beşgenin çevrel ve iç teğet çemberlerinin merkezleri aynıdır ve beşgenin simetri merkezidir.

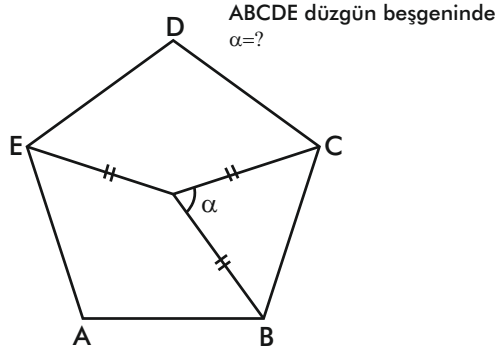


Uygulamalar:

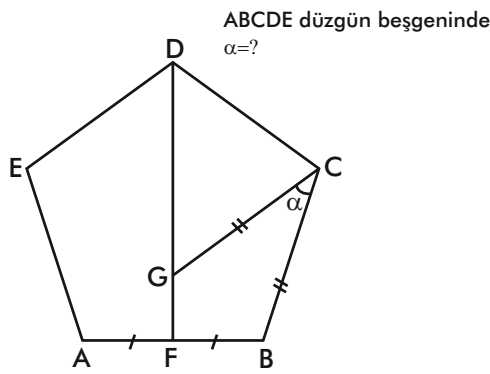
1.



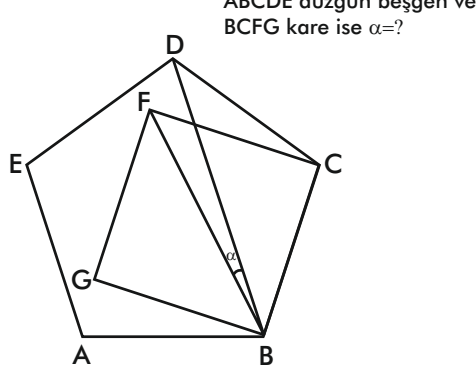
2.



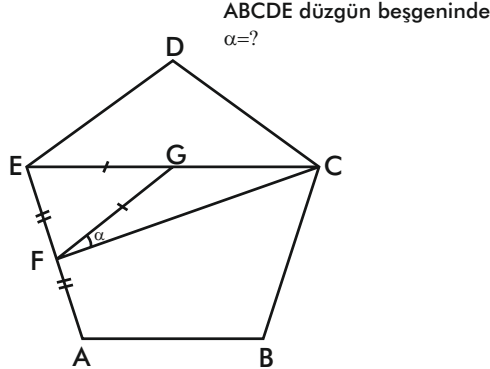
3.



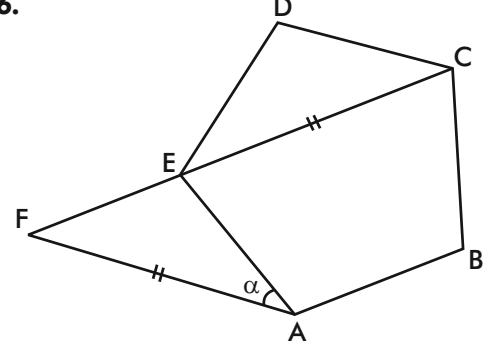
4.



5.

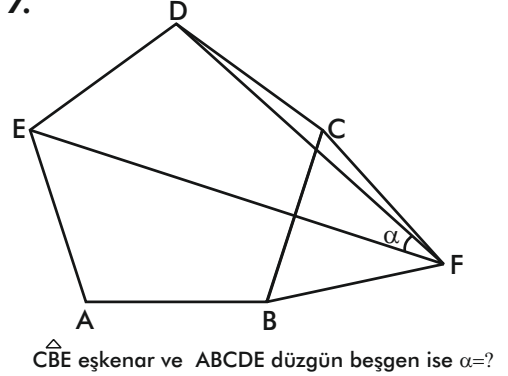


6.



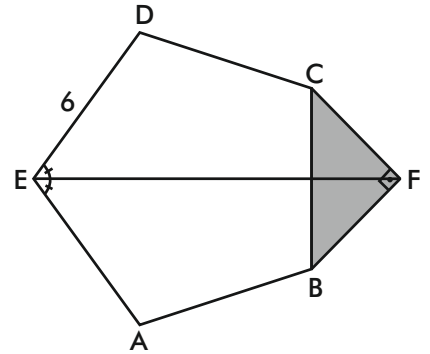
C,E,F doğrusal olduğuna göre ABCDE düzgün beşgeninde $\alpha=?$

7.



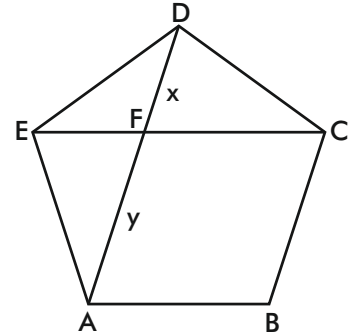
$\triangle CBE$ eşkenar ve ABCDE düzgün beşgen ise $\alpha=?$

8.



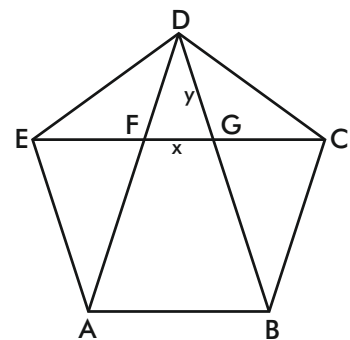
ABCDE düzgün beşgendir. $\triangle CBF$ dik üçgeninin alanı nedir?

9.



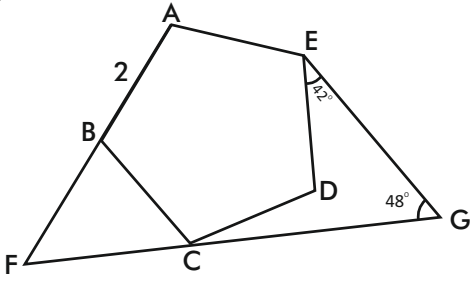
ABCDE düzgün beşgeninde $\frac{x}{y}=?$

10.



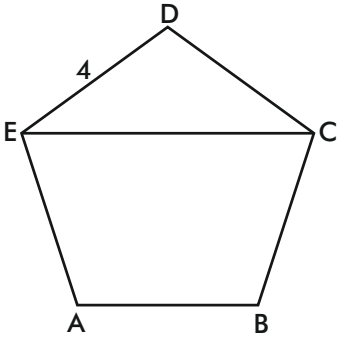
ABCDE düzgün beşgeninde $\frac{x}{y}=?$

11.



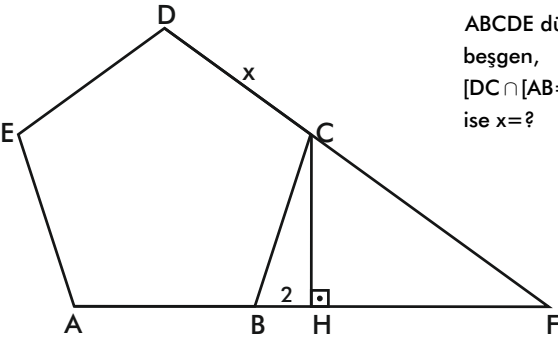
ABCDE düzgün beşgen,
A,B,F doğrusal,
F,C,G doğrusal
ise $\angle FGI = ?$

12.



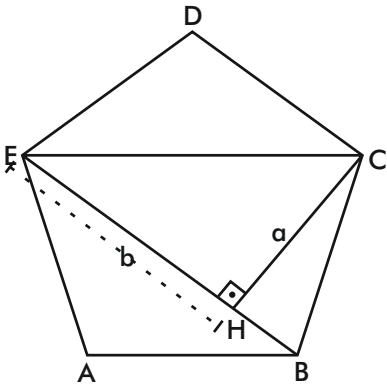
ABCDE düzgün beşgen ise $\angle ICI = ?$

13.



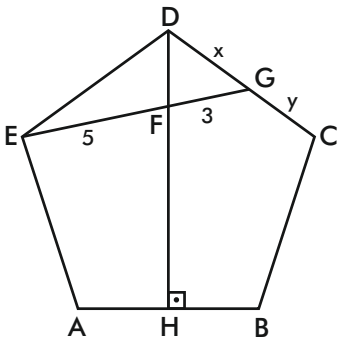
ABCDE düzgün beşgen,
 $[DC \cap AB = \{F\}]$
ise $x = ?$

14.



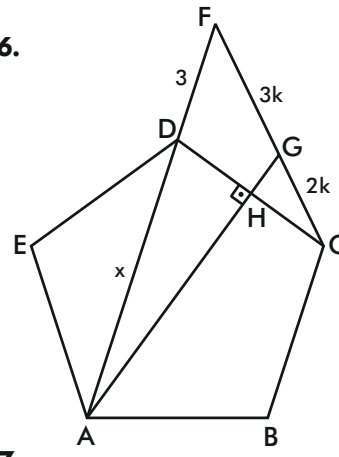
ABCDE düzgün beşgendir.
 $A(ABCE)$ nin
a ve b türünden
değeri nedir?

15.



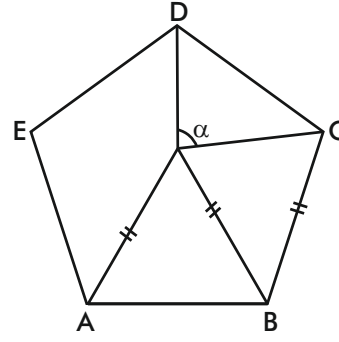
ABCDE düzgün beşgeninde $\frac{x}{y} = ?$

16.



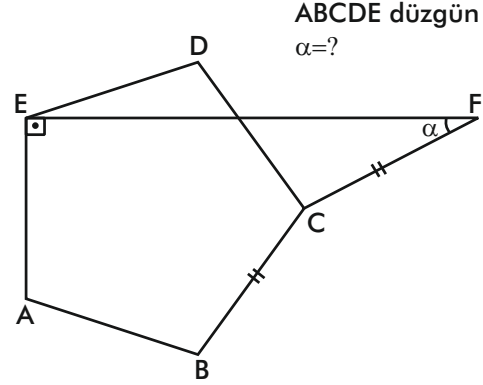
ABCDE düzgün beşgen
ve A,D, E doğrusal
ise $x = ?$

17.



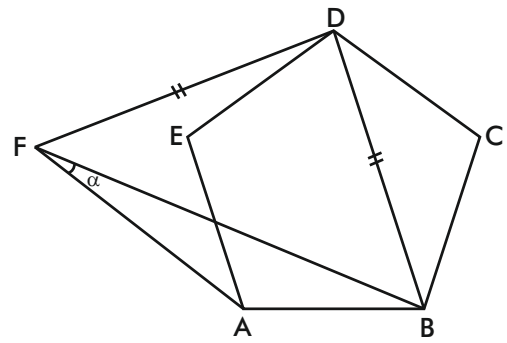
ABCDE düzgün beşgeninde
 $\alpha = ?$

18.



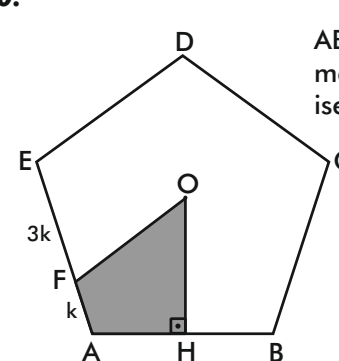
ABCDE düzgün beşgeninde
 $\alpha = ?$

19.



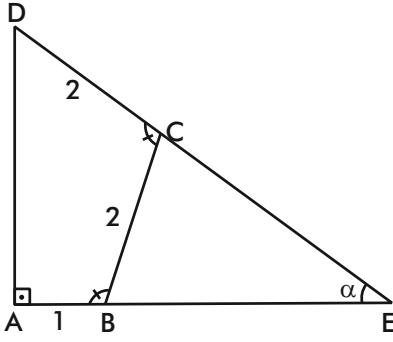
ABCDE düzgün beşgeninde $\alpha = ?$

20.



ABCDE düzgünün ağırlık
merkezi O , ve $A(AHO) = 10 \text{ br}^2$
ise $A(ABCDE) = ?$

21.

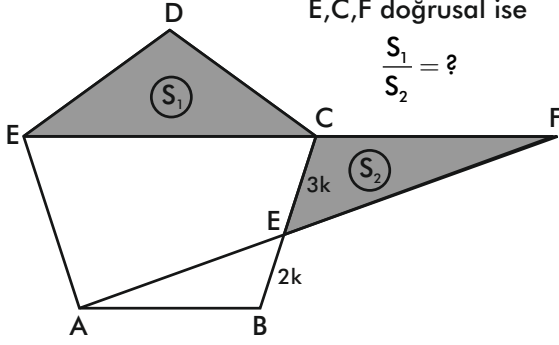


$[AB \cap DC = \{E\}]$ ise $\alpha = ?$

22.

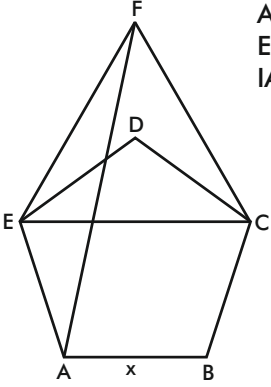
ABCDE düzgün beşgen,
E,C,F doğrusal ise

$$\frac{S_1}{S_2} = ?$$



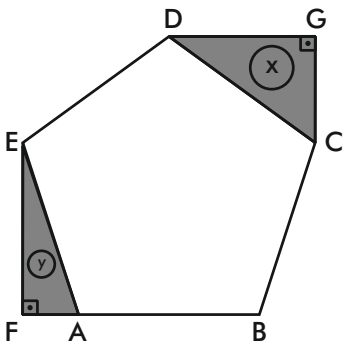
23.

ABCDE düzgün beşgen,
ECF eşkenar üçgen,
IAFI = 12 br ise A(EAF) = ?



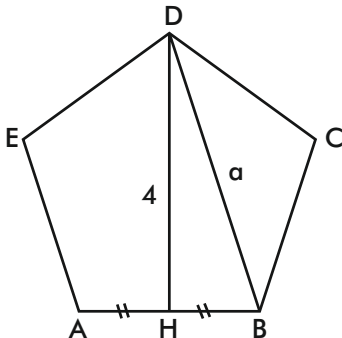
24.

ABCDE düzgün beşgendir.
[DG]//[AF]
ise ABCDE nin alanının
x ve y cinsinden
değeri nedir?

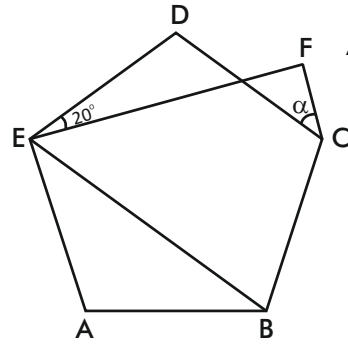


25.

ABCDE düzgün beşgendir.
A(ABDE) = ?



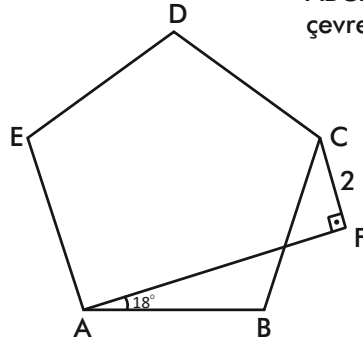
26.



ABCDE düzgün beşgen,
IEFI = IEBI ise $\alpha = ?$

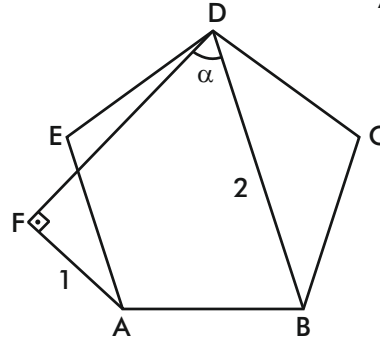
27.

ABCDE düzgün beşgeninin
çevresi nedir?

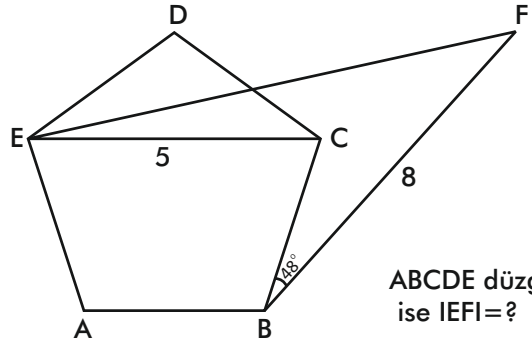


28.

ABCDE düzgün beşgen
ise $\alpha = ?$



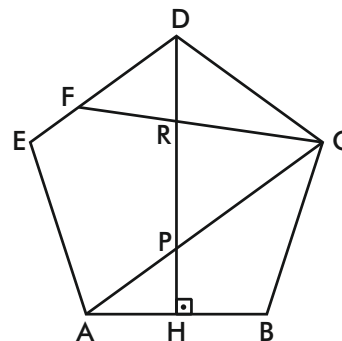
29.



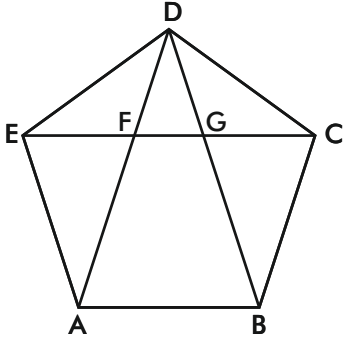
ABCDE düzgün beşgen
ise IEFI = ?

30.

ABCDE düzgün beşgen
IDFI = 3.IEFI
IDRI = 12 ise IPRI = ?



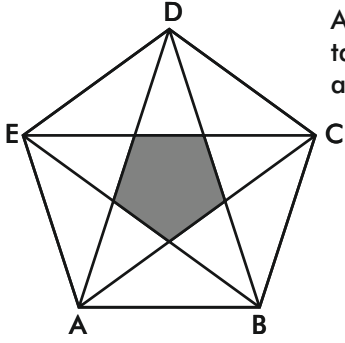
31.



ABCDE düzgün beşgen ise

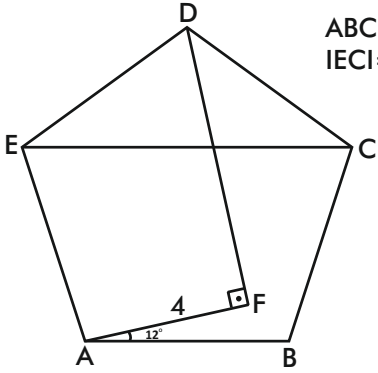
$$\frac{A(DFG)}{A(BCG)} = ?$$

32.



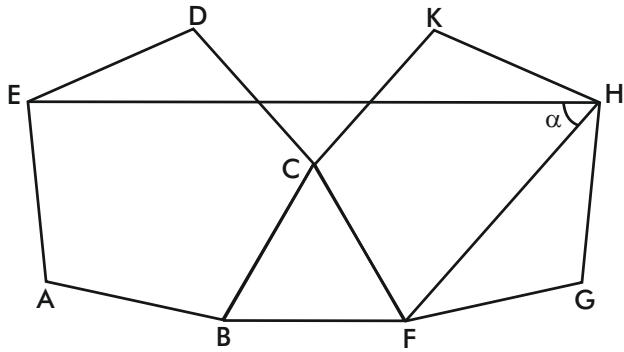
ABCDE düzgün beşgen ise
taralı alanın ABCDE beşgeninin
alanına oranı nedir?

33.



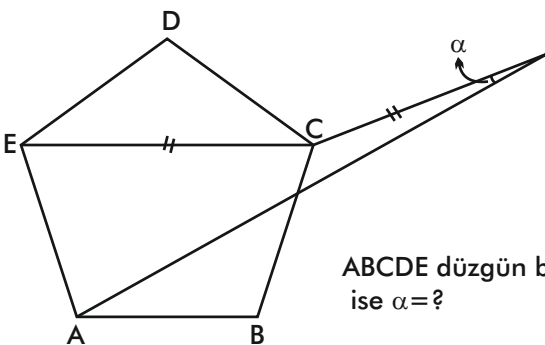
ABCDE düzgün beşgen ise
IECI=?

34.



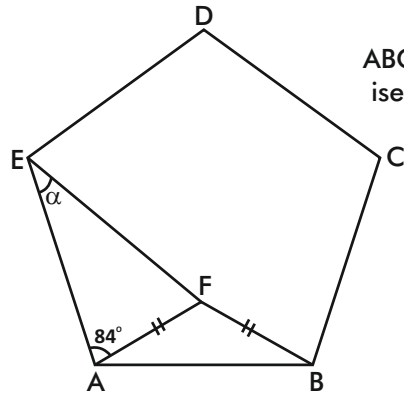
ABCDE ve KCFGH düzgün beşgen ve BCF eşkenar $\alpha = ?$

35.



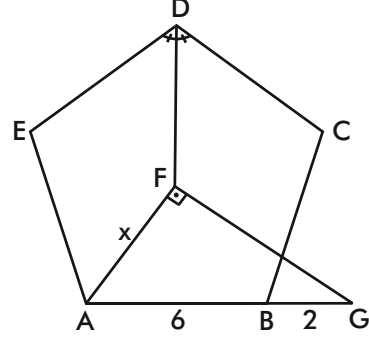
ABCDE düzgün beşgen
ise $\alpha = ?$

36.



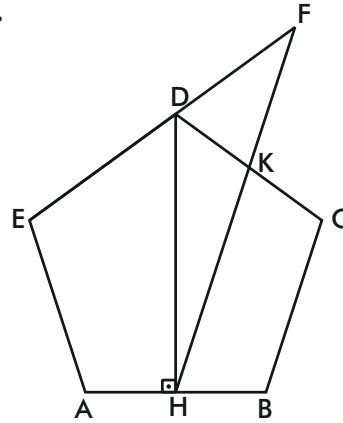
ABCDE düzgün beşgen
ise $\alpha = ?$

37.



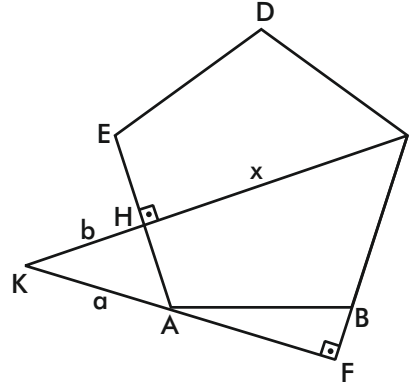
ABCDE düzgün beşgen
ve A, B, G doğrusal
ise $x = ?$

38.



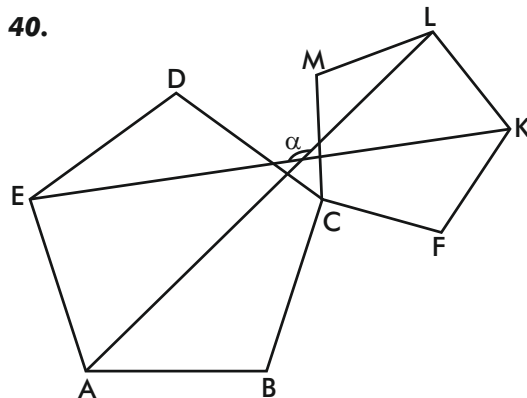
ABCDE düzgün beşgen
A, D, F doğrusal
ve $\frac{IFKI}{IKHI} = \frac{2}{3}$ ise $\frac{IDKI}{IDFI} = ?$

39.



ABCDE düzgün
beşgeninde
 x in a ve b türünden
değeri nedir?
(K, A, F doğrusal)

40.



ABCDE ve CFKLM düzgün beşgen ise $\alpha = ?$