

MATEMATİK DERSİ
8. SINIFLAR SBS ÇALIŞMALARI

KONU : Eşlik ve Benzerlik 1
YAPRAK TEST NO: 17B

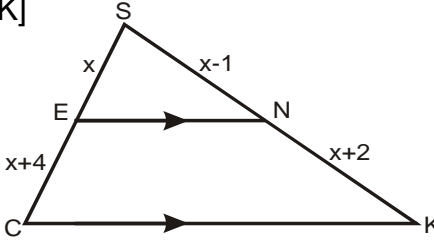
1. $[EN] \parallel [CK]$

$$|SE| = x$$

$$|SN| = x-1$$

$$|EC| = x+4$$

$$|NK| = x+2$$



Şekilde verilenlere göre, $|SK|$ kaç br'dir?

- A) 4 B) 6 C) 7 D) 9

2. $[NK] \perp [EK]$

$$m(\hat{S\hat{C}N}) = 90^\circ$$

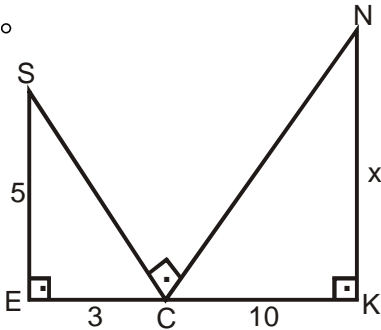
$$[SE] \perp [EK]$$

$$|SE| = 5 \text{ br}$$

$$|EC| = 3 \text{ br}$$

$$|CK| = 10 \text{ br}$$

$$|NK| = x$$



Şekilde verilenlere göre, x kaç br'dir?

- A) 6 B) 7 C) 8 D) 9

3. $[EN] \perp [SC]$

$$|IN| = x+2$$

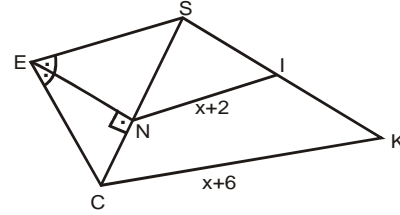
$$|CK| = x+6$$

$$m(\hat{S\hat{E}N}) = m(\hat{N\hat{E}C})$$

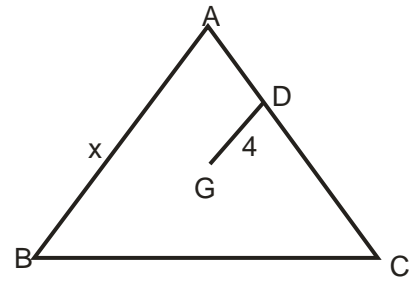
$$|SI| = |IK|$$

Şekilde verilenlere göre, x kaç br'dir?

- A) 2 B) 4 C) 6 D) 8



4.



$$[GD] \parallel [AB]$$

$$|GD| = 4 \text{ br}$$

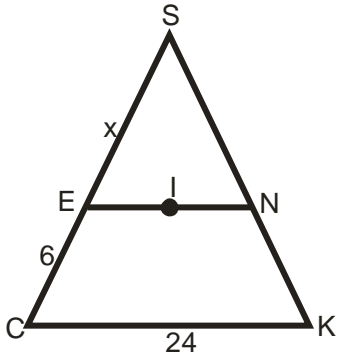
G; ağırlık merkezi

$$|AB| = x$$

Şekilde verilenlere göre, x kaç br'dir?

- A) 6 B) 9 C) 12 D) 15

5.



I: Açıortayların kesim noktası

$$[EN]//[CK]$$

$$|SC|=|SK|$$

$$|EC|=6br$$

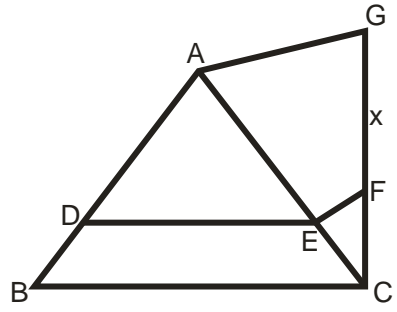
$$|CK|=24br$$

$$|SE|=x$$

Şekilde verilenlere göre, x kaç br'dir?

- A) 3 B) 4 C) 5 D) 6

7.



ABC ve AGC birer üçgen

$$[DE]//[BC]$$

$$[AG]//[EF]$$

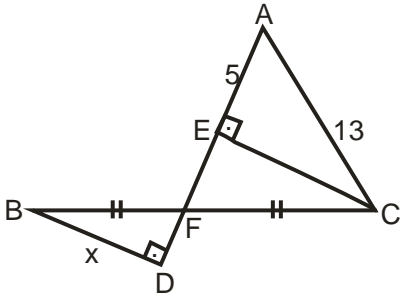
$$3.|DE|=2|BC|$$

$$|GC|=12cm$$

Şekilde verilenlere göre, |FG|=x kaç br'dir?

- A) 6 B) 8 C) 10 D) 12

6.



$$[AD] \perp [BD]$$

$$[CE] \perp [AD]$$

$$|BF|=|FC|$$

$$|AC|=13 \text{ cm}$$

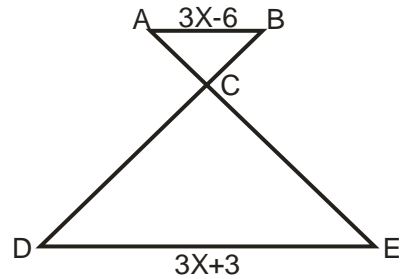
$$|AE|=5 \text{ cm}$$

B, F, C doğrusal

Şekilde verilenlere göre, |BD|=x kaç br'dir?

- A) 5 B) 10 C) 11 D) 12

8.



$$[AB]//[DE]$$

$$5|CD|=3|DB|$$

$$|AB|=3x-6$$

$$|DE|=3x+3$$

Şekilde verilenlere göre, |AB| kaç br'dir?

- A) 16 B) 17 C) 18 D) 19