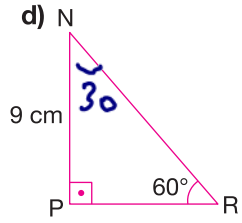
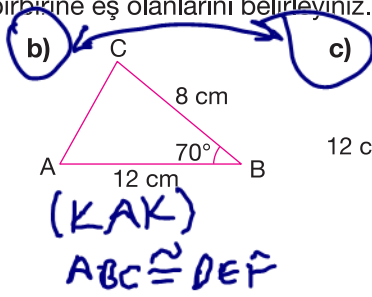
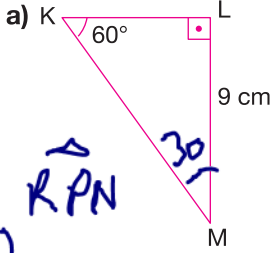


ALİŞTIRMALAR

1. Aşağıdaki üçgenlerden birbirine eş olanlarını belirleyiniz.



$\triangle KLM \cong \triangle RPN$
(a, d)

$\triangle ABC \cong \triangle DEF$
(KAK)

2. Yanda verilen üçgen çiftine göre boşlukları doldurunuz.

a) $m(\hat{Q}) = 43^\circ$

b) $\frac{|QR|}{|VT|} = \frac{|US|}{|PM|}$

c) $\triangle QPR \cong \triangle STV$

ç) $m(\hat{P}) = m(\hat{T})$

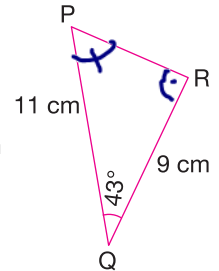
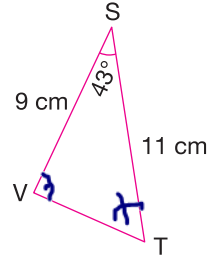
d) $\frac{|UK|}{|ST|} = \frac{|UV|}{|QP|}$

e) $\triangle PKU \cong \triangle TVU$

f) $m(\hat{P}) = m(\hat{T})$

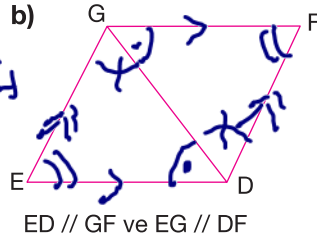
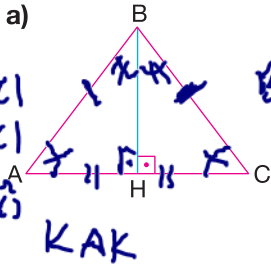
g) $\frac{|UT|}{|PR|} = \frac{|UP|}{|VT|}$

ğ) $\triangle PRQ \cong \triangle TVS$



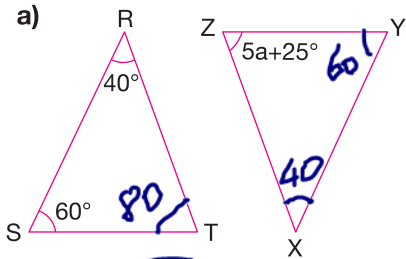
www.ogretmenler.com

3. Aşağıda verilen şekillerdeki üçgenlerin eşlikleri hangi eşik şartına göre belirlenebilir? Bulunuz.

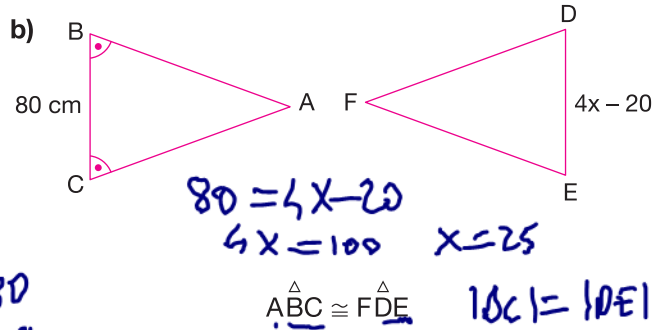


$\triangle GED \cong \triangle GFD$
AKA |GD| ortak kenar
 $m(\hat{GDE}) = m(\hat{GDF})$
 $m(\hat{GED}) = m(\hat{GFD})$
 $\triangle GED \cong \triangle GFD$

4. Aşağıda verilen üçgen çiftleri eş ise bilinmeyen değerini bulunuz.



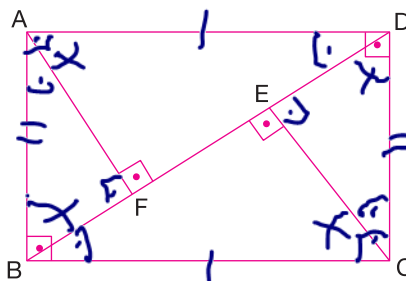
$\triangle RST \cong \triangle XYZ$
 $5a + 25 = 80$
 $5a = 55$
 $a = 11$



$80 = 4x - 20$
 $4x = 100$
 $x = 25$

$\triangle ABC \cong \triangle FDE$
 $|BC| = |DE|$

5. Aşağıdaki şekilde birbirine eş kaç üçgen çift vardır? Bulunuz.



$\triangle EDC \cong \triangle FEA$
 $\triangle BEC \cong \triangle DFA$
 $\triangle BCD \cong \triangle DAB$