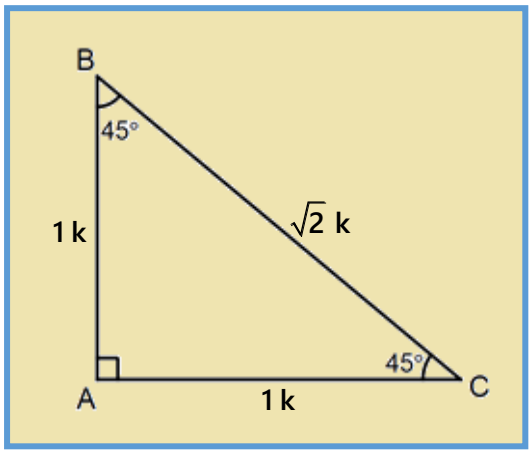
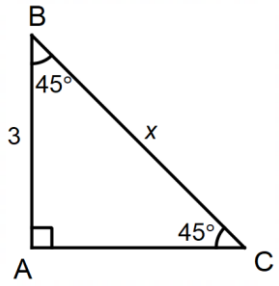
3B – Özel Açılı Üçgenler (45° - 90° - 45° Üçgeni)



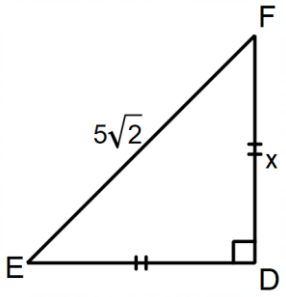
Sorular :

1. Aşağıdaki üçgenlerde x uzunluklarını bulun.

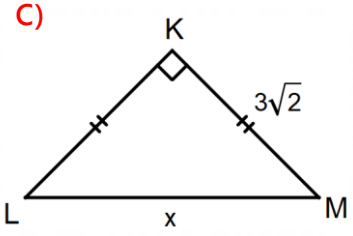
A)



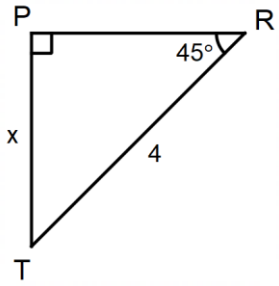
B)



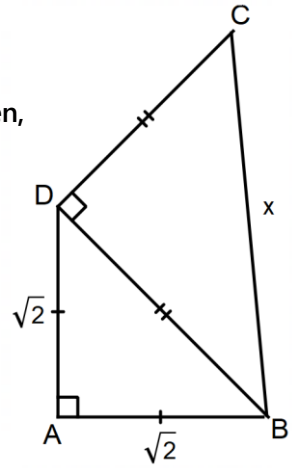
C)



D)



2.



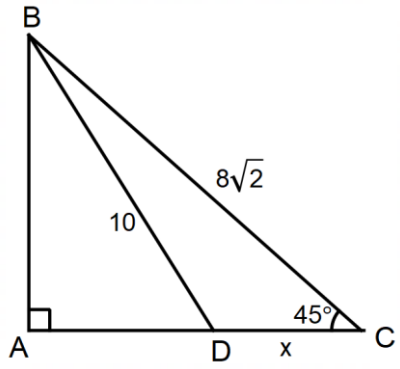
DAB ve CDB dik üçgen,

$|AD| = |AB| = \sqrt{2}$

$|DC| = |DB|$

$|BC|$ kaç birimdir?

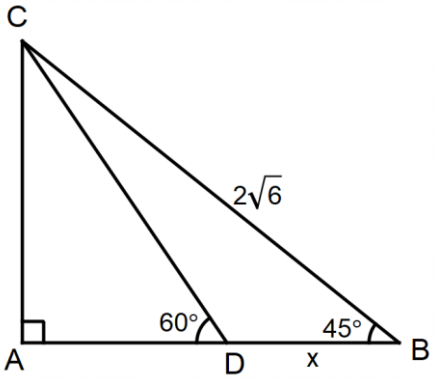
3.



BAC dik üçgeninde, $m(A\hat{C}B)=45°$,

$|BD| = 10$ br, $|BC| = 8\sqrt{2}$ br ise $|CD|$ kaç birimdir?

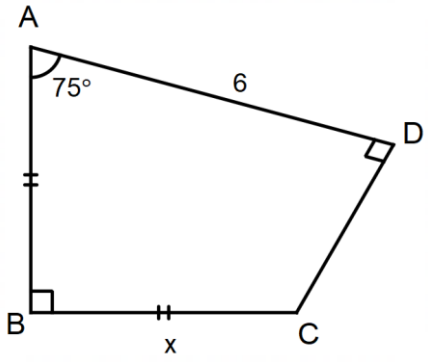
4.



CAB dik üçgeninde, $m(A\hat{B}C)=45°$, $m(C\hat{D}A)=60°$

$|CB| = 2\sqrt{6}$ br ise $|BD|$ kaç birimdir?

5.



ABCD dörtgeninde, $m(A\hat{B}C)=m(C\hat{D}A)=90°$

$m(B\hat{A}D)=75°$ $|AD| = 6$ br ise $|BC|$ kaç birimdir?

1) A) $3\sqrt{2}$ B) 5 C) 6 D) $2\sqrt{2}$ 2) $2\sqrt{2}$ 3) 2 4) $2\sqrt{3}-2$ 5) $2\sqrt{6}$