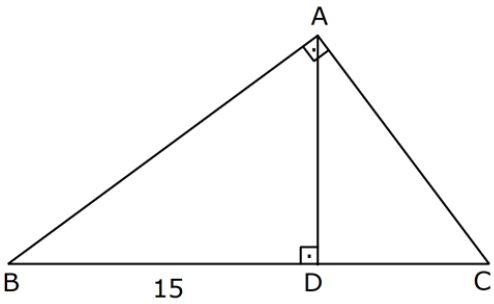
ÖKLİD TEOREMİ

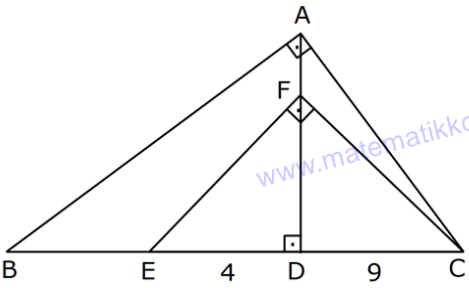
1)



ABC üçgen, $BA \perp AC$, $AD \perp BC$, $|BD| = 15$ cm ve $|AD| = 3|DC|$ olduğuna göre, $|AD|$ kaç cm dir?

A) 3 B) 4 C) 5 D) 6 E) 7

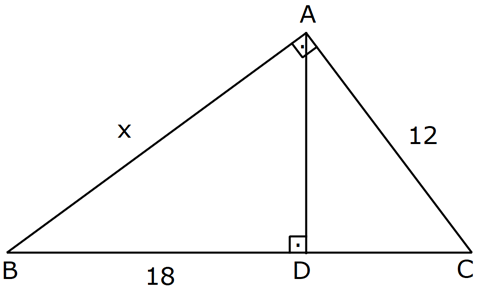
2)



ABC üçgen, $BA \perp AC$, $EF \perp FC$, $AD \perp BC$, $|ED| = 4$ cm, $|DC| = 9$ cm dir.
$|AD| = |BE|$ olduğuna göre, $|AF|$ kaç cm dir?

A) 4 B) 6 C) 7 D) 8 E) 9

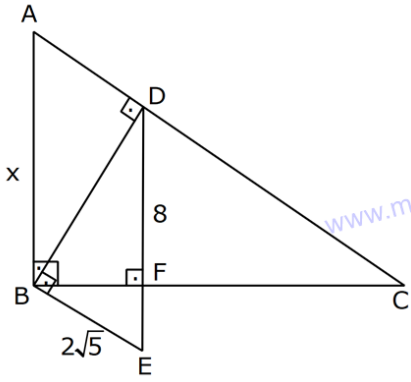
3)



ABC üçgen, $BA \perp AC$, $AD \perp BC$, $|BD| = 18$ cm ve $|AC| = 12$ cm olduğuna göre, $|AB| = x$ kaç cm dir?

A) 20 B) $9\sqrt{3}$ C) 24 D) $12\sqrt{3}$ E) 30

4)



$AB \perp BC$
$AC \perp BD$
$BC \perp DE$
$DB \perp BE$
$|BE| = 2\sqrt{5}$ cm
$|DF| = 8$ cm
$|AB| = x$

Yukarıda verilenlere göre, x kaç cm dir?

A) 6 B) 8 C) 9 D) 10 E) 12

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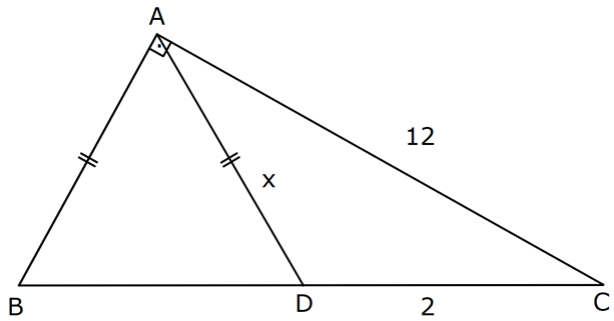
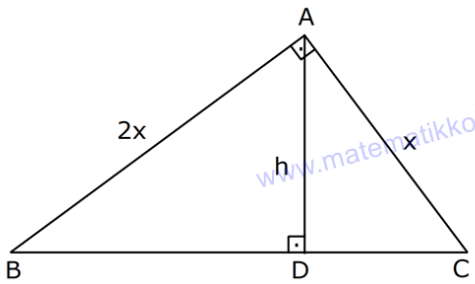
5)



ABC üçgen, $|AC| = 12$ cm, $|DC| = 2$ cm, $BA \perp AC$ ve $|AB| = |AD| = x$ cm olduğuna göre, x kaç cm dir?

A) 8 B) $4\sqrt{7}$ C) 10 D) $5\sqrt{6}$ E) $9\sqrt{3}$

6)



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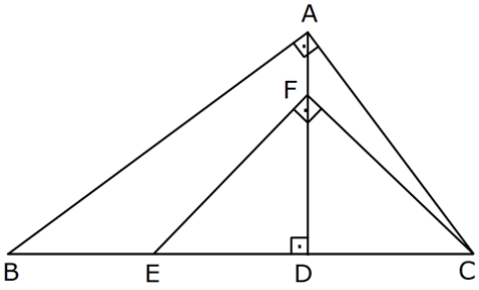
ABC üçgen, $BA \perp AC$, $AD \perp BC$, $|AC| = x$, $|AB| = 2x$ olduğuna göre, $|AD| = h$ nin x cinsinden eşiti aşağıdakilerden hangisidir?

A) $\frac{x}{\sqrt{3}}$ B) $\frac{x}{\sqrt{5}}$ C) $\frac{2x}{\sqrt{5}}$ D) $x\sqrt{5}$ E) $x\sqrt{3}$

7)



ABC üçgen, $BA \perp AC$, $EF \perp FC$, $AD \perp BC$, $2|BE| = 3|ED| = 6|DC|$ olduğuna göre, $\frac{|FC|}{|AC|}$ oranı kaçtır?

A) $\frac{\sqrt{2}}{2}$ B) $\frac{1}{2}$ C) $\frac{\sqrt{3}}{2}$ D) $\frac{1}{3}$ E) $\frac{3}{4}$

CEVAP ANAHTARI

1	C	**3**	D	**5**	B	**7**	A
2	B	**4**	D	**6**	C		