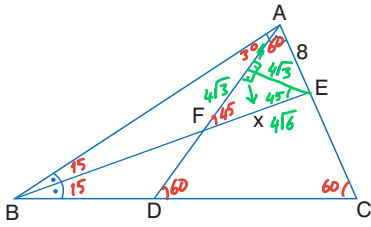


7.



ABC dik üçgen

ADC eşkenar üçgen

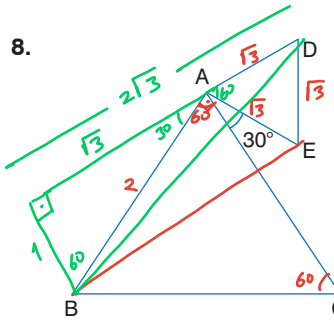
[BE] açıortay

|AE| = 8 cm

Yukarıdaki verilere göre, |EF| = x kaç cm'dir?

- A) $4\sqrt{3}$ B) $6\sqrt{2}$ C) $8\sqrt{3}$ D) $4\sqrt{6}$ E) 10

8.



ABC ve ADE eşkenar üçgen

$$\frac{|AD|}{|AB|} = \frac{\sqrt{3}}{2}$$

$$m(\widehat{CAE}) = 30^\circ$$

$$1) |BE|^2 = 2^2 + \sqrt{3}^2$$

$$|BE| = \sqrt{7}$$

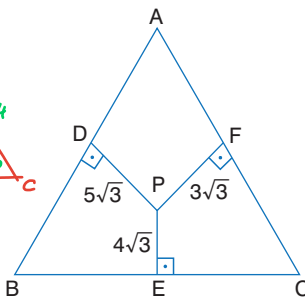
$$2) |BD|^2 = 1^2 + 2\sqrt{3}^2$$

$$|BD| = \sqrt{13}$$

Yukarıdaki verilere göre, $\frac{|BD|}{|BE|}$ oranı kaçtır?

- A) $\frac{\sqrt{13}}{\sqrt{5}}$ B) $\frac{\sqrt{13}}{\sqrt{7}}$ C) $\frac{\sqrt{13}}{3}$ D) $\frac{\sqrt{11}}{\sqrt{6}}$ E) $\frac{\sqrt{11}}{\sqrt{3}}$

9.



ABC eşkenar üçgen

[PD] ⊥ [AB]

[PE] ⊥ [AC]

[PF] ⊥ [BC]

|PD| = $5\sqrt{3}$ cm

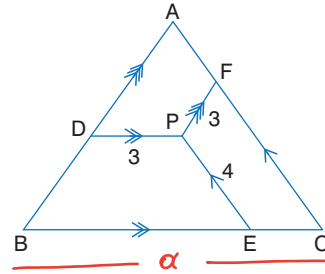
|PE| = $4\sqrt{3}$ cm

|PF| = $3\sqrt{3}$ cm

Yukarıdaki verilere göre, ABC eşkenar üçgenin bir kenarı kaç cm'dir?

- A) 12 B) 15 C) 18 D) 20 E) 24

10.



ABC eşkenar üçgen

[PD] // [BC]

[PE] // [AC]

[PF] // [AB]

|PD| = |PF| = 3 cm

|PE| = 4 cm

Yukarıdaki verilere göre, Ç(ABC) kaç cm'dir?

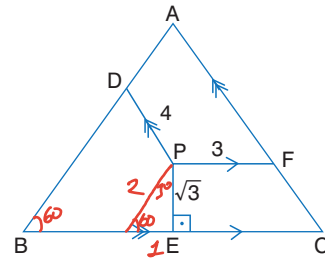
- A) 24 B) 27 C) 30 D) 33 E) 36

$$\alpha = 3 + 3 + 4$$

$$\alpha = 10$$

$$G = 10 \times 3 = 30$$

11.



ABC eşkenar üçgen

[PD] // [AC]

[PF] // [BC]

[PE] ⊥ [PC]

|PD| = 4 cm

|PE| = $\sqrt{3}$ cm

|PF| = 3 cm

Yukarıdaki verilere göre, Ç(ABC) kaç cm'dir?

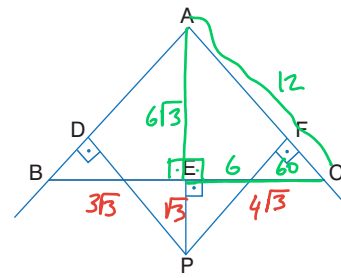
- A) 24 B) 27 C) 30 D) 33 E) 36

$$\alpha = 2 + 3 + 4$$

$$\alpha = 9$$

$$G = 9 \times 3 = 27$$

12.



ABC eşkenar üçgen

[PD] ⊥ [AB]

[PE] ⊥ [AC]

[PF] ⊥ [BC]

|PD| = $3\sqrt{3}$ cm

|PE| = $\sqrt{3}$ cm

|PF| = $4\sqrt{3}$ cm

Yukarıdaki verilere göre, Ç(ABC) kaç cm'dir?

- A) 24 B) 27 C) 30 D) 33 E) 36

$$h = 3\sqrt{3} + 4\sqrt{3} - \sqrt{3}$$

$$h = 6\sqrt{3}$$

$$G = 12 \times 3 = 36$$