

Üçgende Kesenin Kenarlarla Yaptığı Aç

$$k_1 = BD : DC \text{ aileleri}$$

12 aile $\times$ 8 varyasyon = 96 soru

İçindekiler

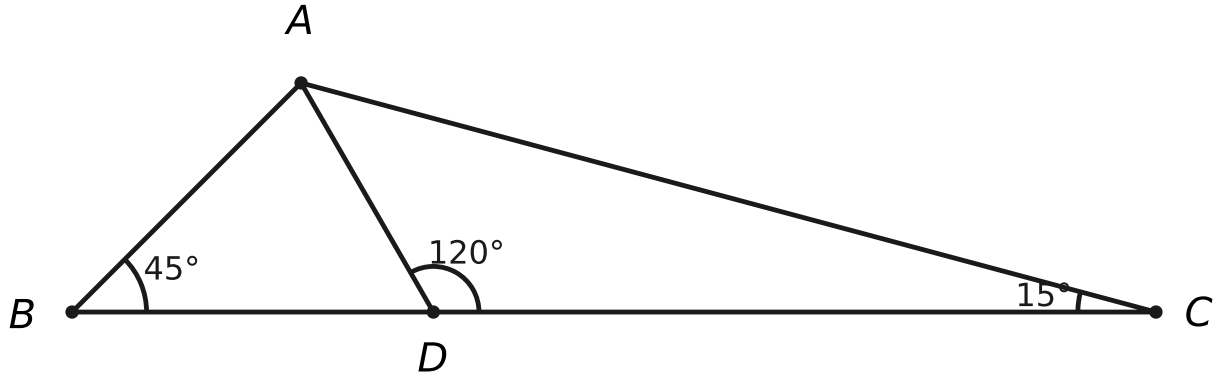
$(k_1 = 1/2, N = 1)$ ailesi	s. 2
$(k_1 = 1/2, N = 2)$ ailesi	s. 10
$(k_1 = 1/2, N = 3)$ ailesi	s. 18
$(k_1 = 1/2, N = 4)$ ailesi	s. 26
$(k_1 = 1, N = 1)$ ailesi	s. 34
$(k_1 = 1, N = 2)$ ailesi	s. 42
$(k_1 = 1, N = 3)$ ailesi	s. 50
$(k_1 = 1, N = 4)$ ailesi	s. 58
$(k_1 = 2, N = 1)$ ailesi	s. 66
$(k_1 = 2, N = 2)$ ailesi	s. 74
$(k_1 = 2, N = 3)$ ailesi	s. 82
$(k_1 = 2, N = 4)$ ailesi	s. 90

($k_1 = 1/2$, $N = 1$) ailesi

Soru 1.0

$\angle ABC = 45^\circ$, $\angle ACB = 15^\circ$, $\angle ADC = 120^\circ$.

$BD : DC = ?$



Cevap: $BD : DC = 1 : 2$

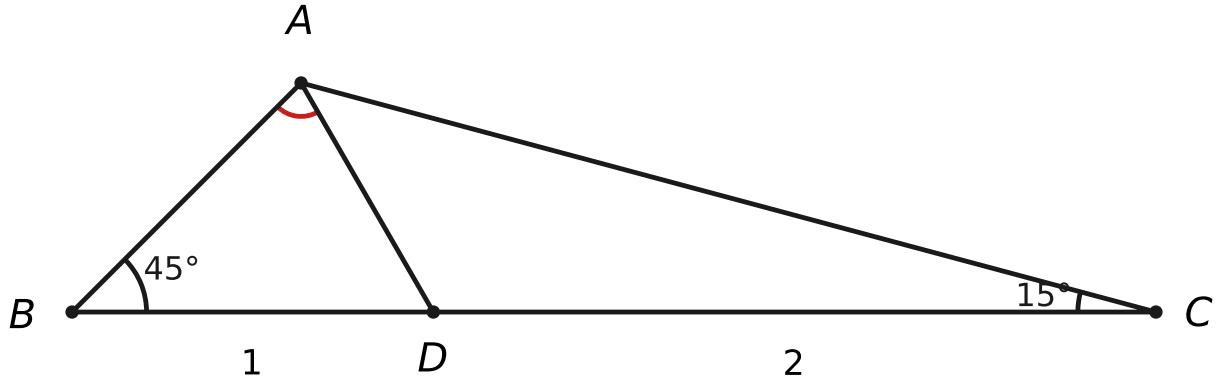
([çözüm için tıklayın »](#))

($k_1 = 1/2$, $N = 1$) ailesi

Soru 1.1

$BD : DC = 1 : 2$, $\angle ABC = 45^\circ$, $\angle ACB = 15^\circ$.

$\angle BAD = ?$



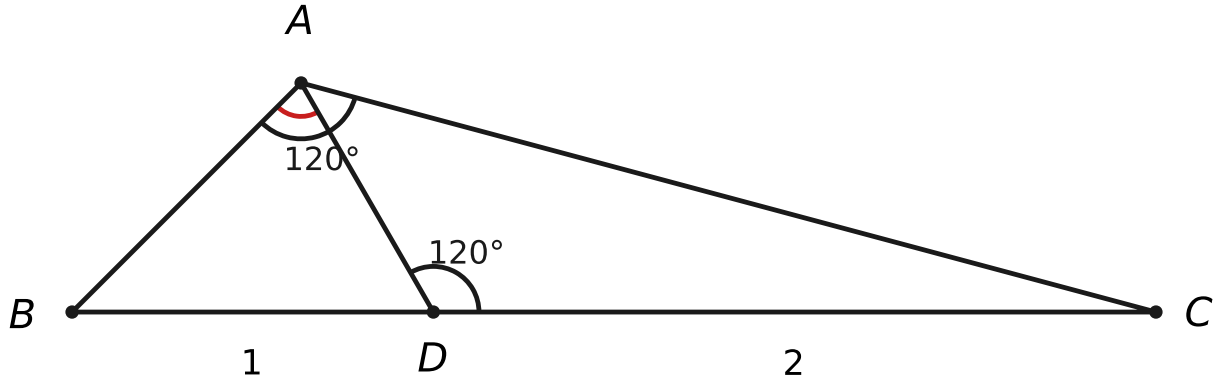
Cevap: $\angle BAD = 75^\circ$

(çözüm için tıklayın »)

($k_1 = 1/2$, $N = 1$) ailesi

Soru 1.2

$BD : DC = 1 : 2$, $\angle BAC = 120^\circ$, $\angle ADC = 120^\circ$.
 $\angle BAD = ?$



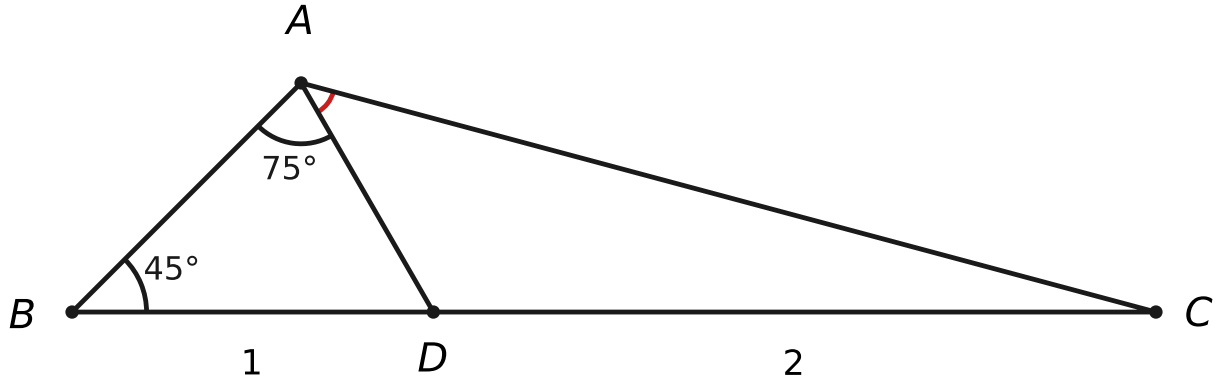
Cevap: $\angle BAD = 75^\circ$

([çözüm için tıklayın »](#))

($k_1 = 1/2$, $N = 1$) ailesi

Soru 1.3

$BD : DC = 1 : 2$, $\angle ABC = 45^\circ$, $\angle BAD = 75^\circ$.
 $\angle DAC = ?$



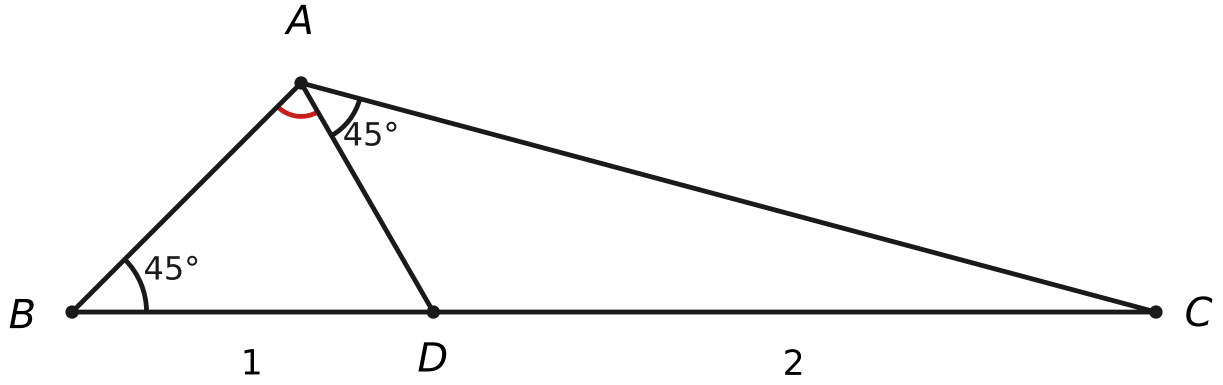
Cevap: $\angle DAC = 45^\circ$

([çözüm için tıklayın »](#))

($k_1 = 1/2$, $N = 1$) ailesi

Soru 1.4

$BD : DC = 1 : 2$, $\angle ABC = 45^\circ$, $\angle DAC = 45^\circ$.
 $\angle BAD = ?$



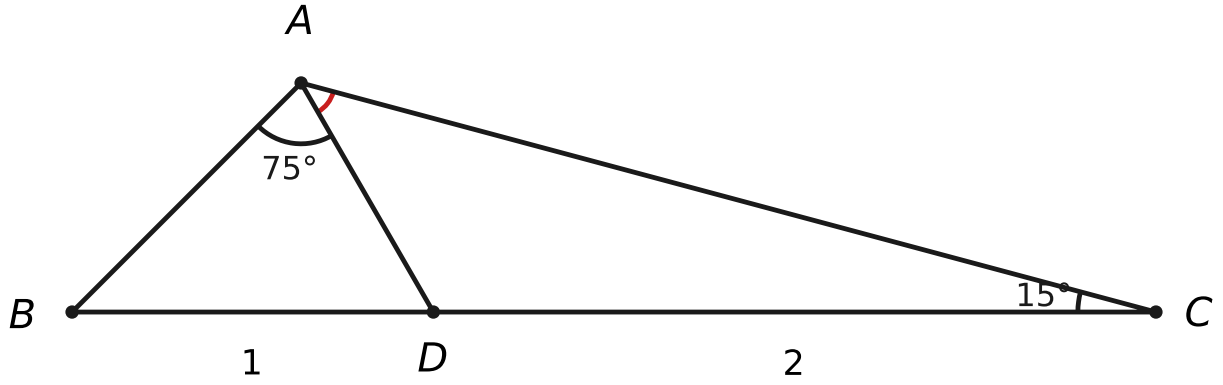
Cevap: $\angle BAD = 75^\circ$

(çözüm için tıklayın »)

($k_1 = 1/2$, $N = 1$) ailesi

Soru 1.5

$BD : DC = 1 : 2$, $\angle ACB = 15^\circ$, $\angle BAD = 75^\circ$.
 $\angle DAC = ?$



Cevap: $\angle DAC = 45^\circ$

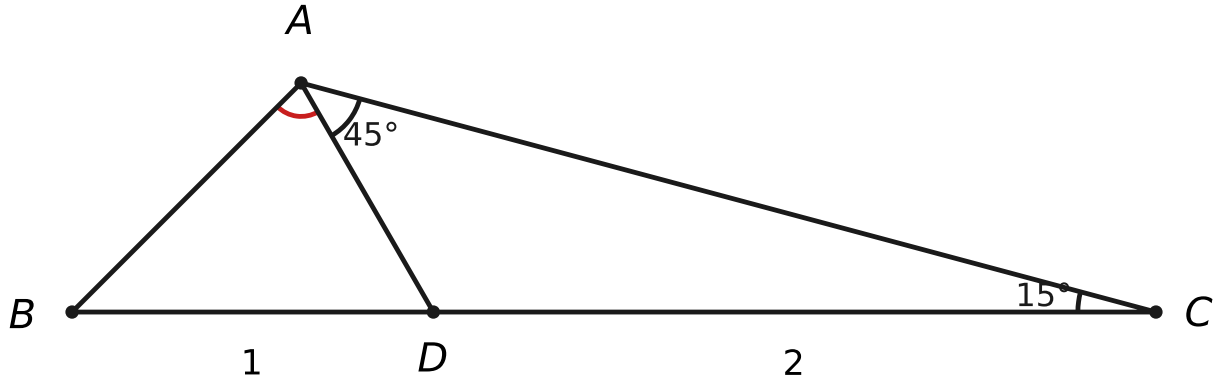
([çözüm için tıklayın »](#))

($k_1 = 1/2$, $N = 1$) ailesi

Soru 1.6

$BD : DC = 1 : 2$, $\angle ACB = 15^\circ$, $\angle DAC = 45^\circ$.

$\angle BAD = ?$



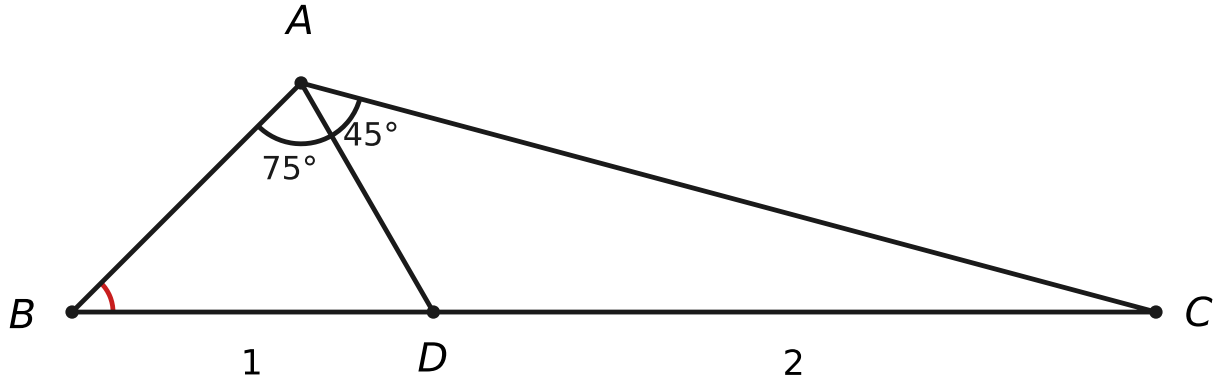
Cevap: $\angle BAD = 75^\circ$

([çözüm için tıklayın »](#))

($k_1 = 1/2$, $N = 1$) ailesi

Soru 1.7

$BD : DC = 1 : 2$, $\angle BAD = 75^\circ$, $\angle DAC = 45^\circ$.
 $\angle ABC = ?$



Cevap: $\angle ABC = 45^\circ$

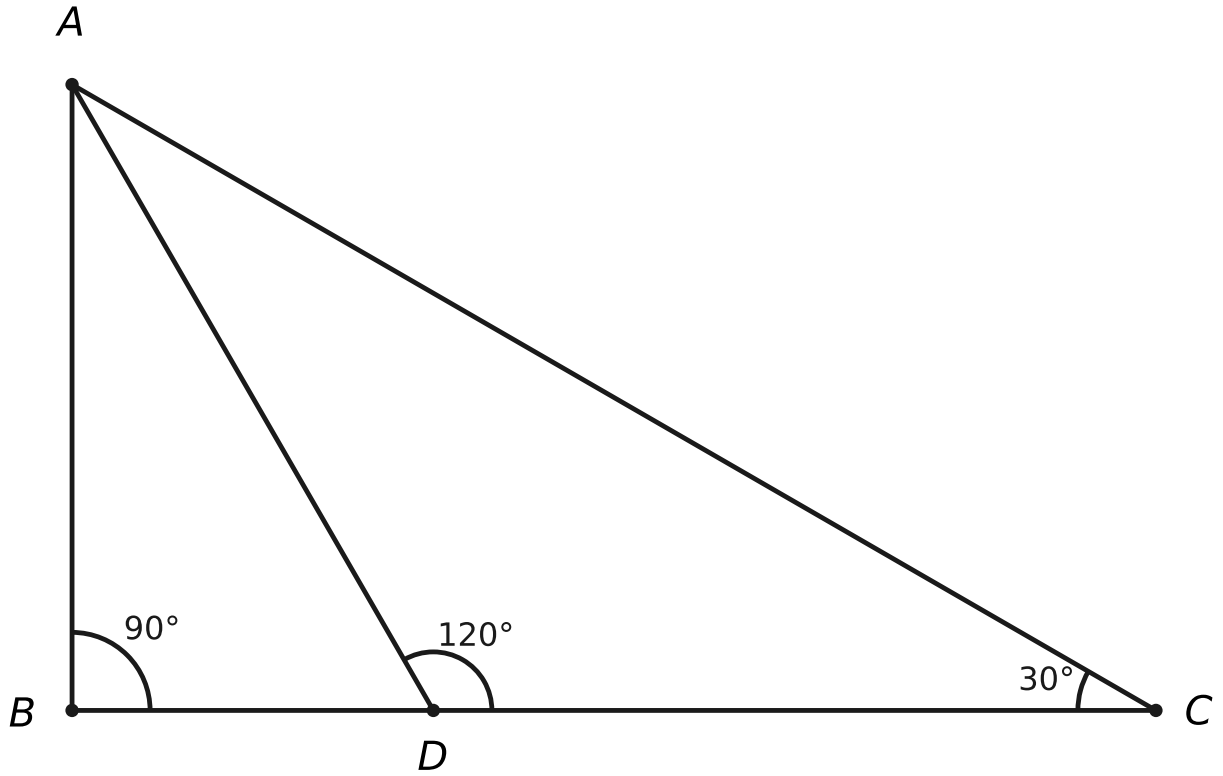
([çözüm için tıklayın »](#))

($k_1 = 1/2$, $N = 2$) ailesi

Soru 2.0

$\angle ABC = 90^\circ$, $\angle ACB = 30^\circ$, $\angle ADC = 120^\circ$.

BD : DC = ?



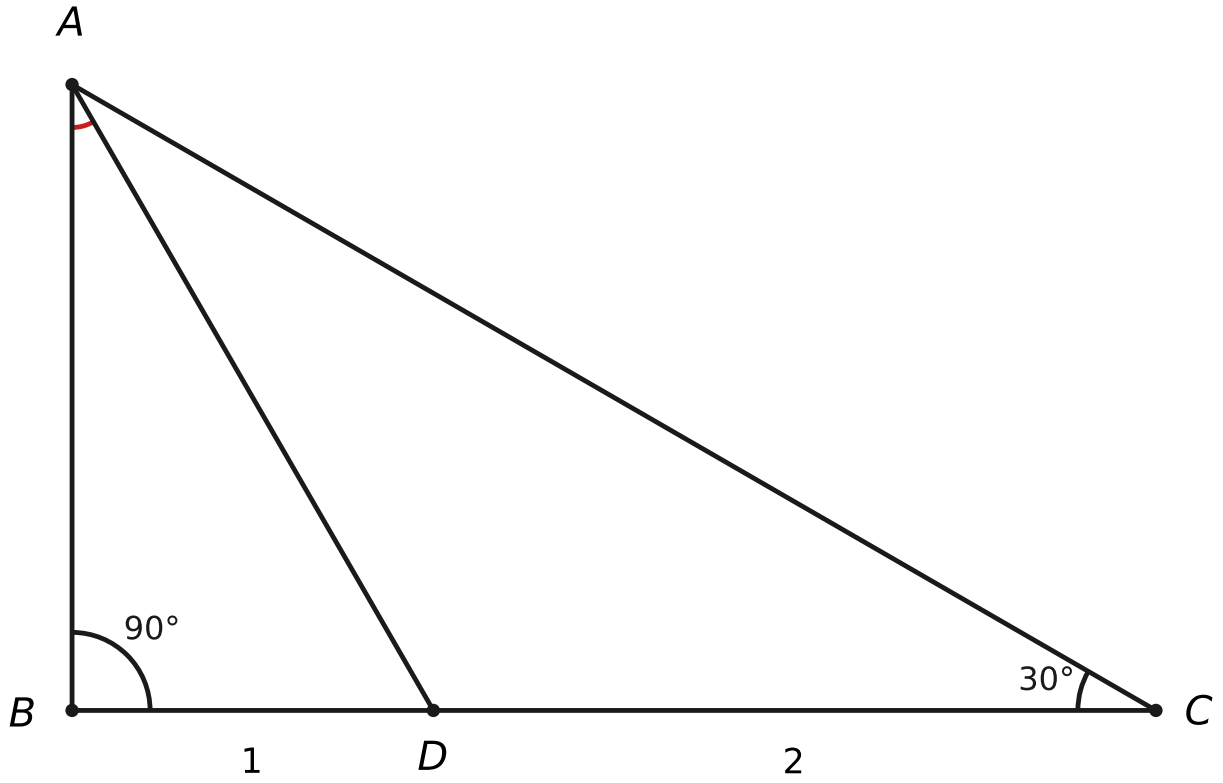
Cevap: BD : DC = 1 : 2

($k_1 = 1/2$, $N = 2$) ailesi

Soru 2.1

$BD : DC = 1 : 2$, $\angle ABC = 90^\circ$, $\angle ACB = 30^\circ$.

$\angle BAD = ?$

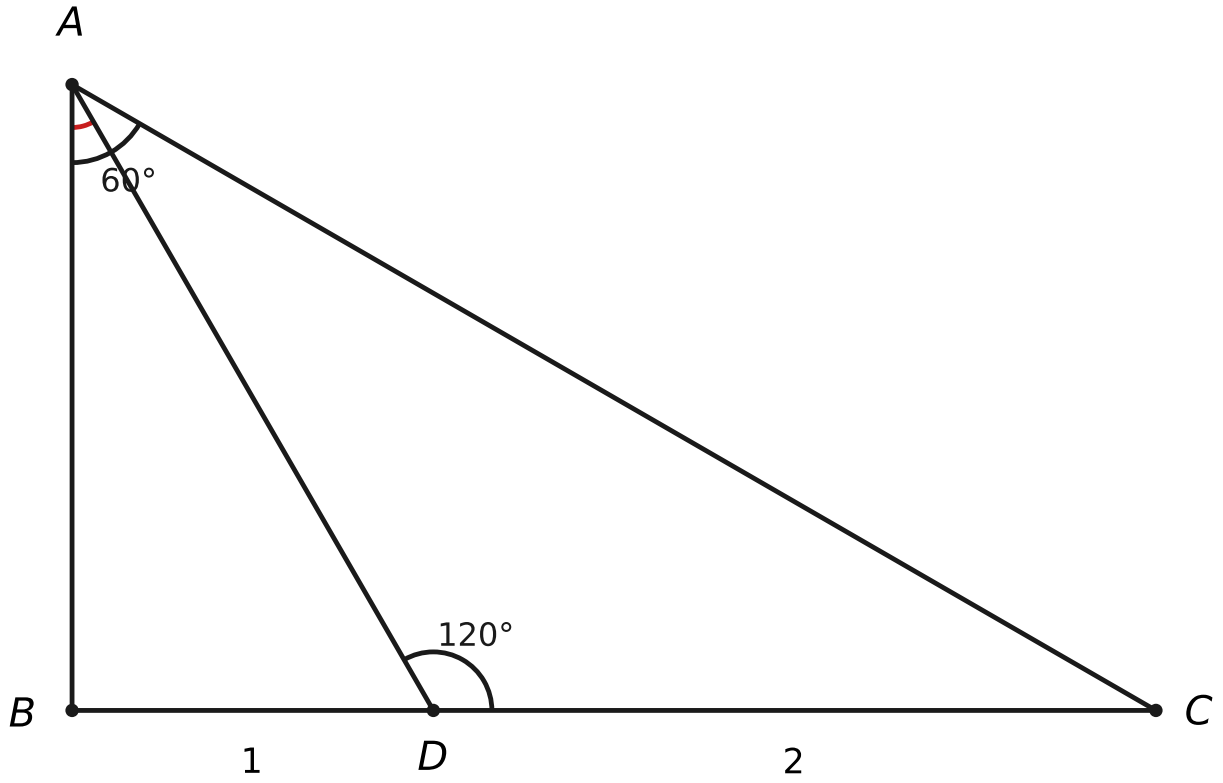


Cevap: $\angle BAD = 30^\circ$

($k_1 = 1/2$, $N = 2$) ailesi

Soru 2.2

$BD : DC = 1 : 2$, $\angle BAC = 60^\circ$, $\angle ADC = 120^\circ$.
 $\angle BAD = ?$



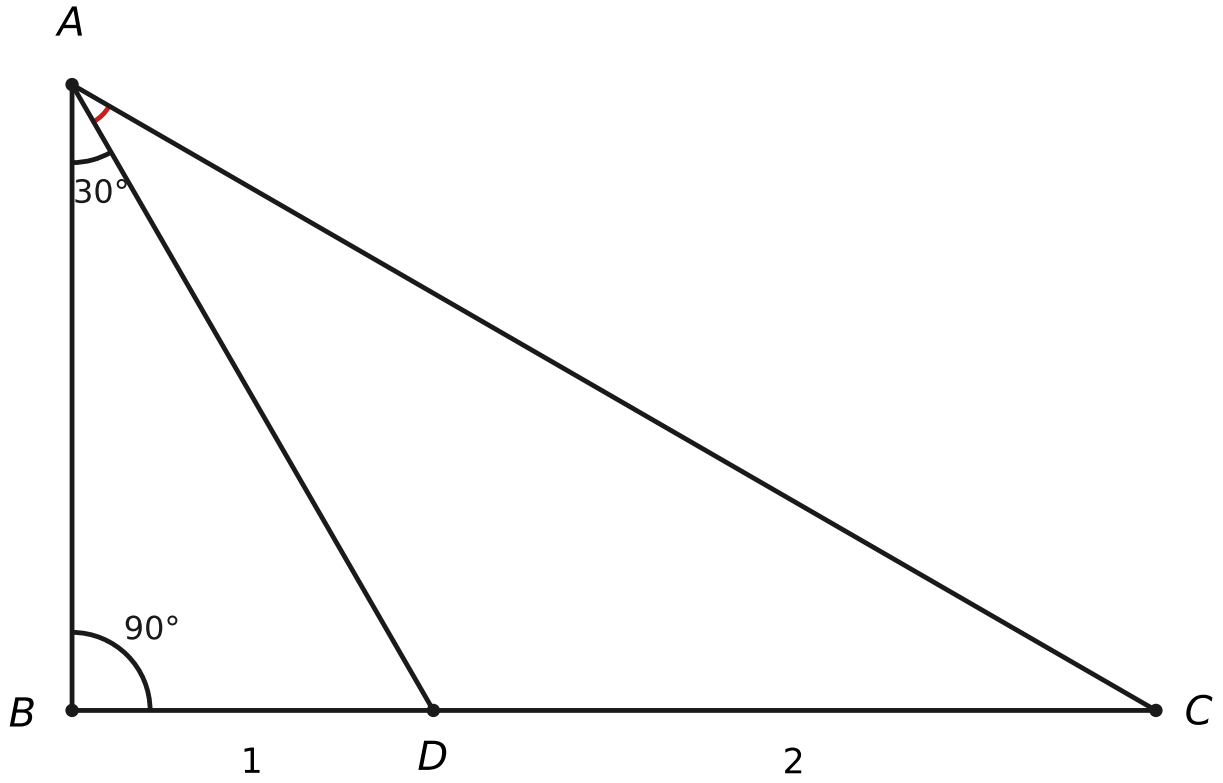
Cevap: $\angle BAD = 30^\circ$

($k_1 = 1/2$, $N = 2$) ailesi

Soru 2.3

$BD : DC = 1 : 2$, $\angle ABC = 90^\circ$, $\angle BAD = 30^\circ$.

$\angle DAC = ?$



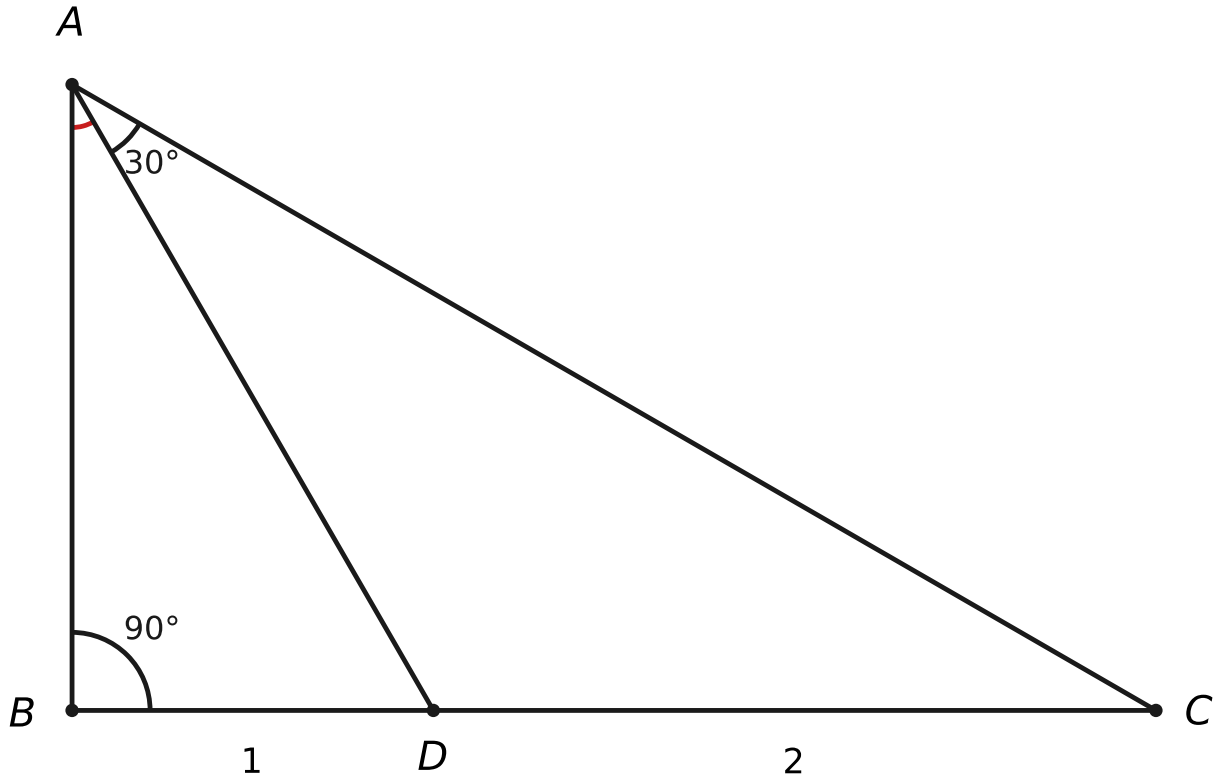
Cevap: $\angle DAC = 30^\circ$

($k_1 = 1/2$, $N = 2$) ailesi

Soru 2.4

$BD : DC = 1 : 2$, $\angle ABC = 90^\circ$, $\angle DAC = 30^\circ$.

$\angle BAD = ?$



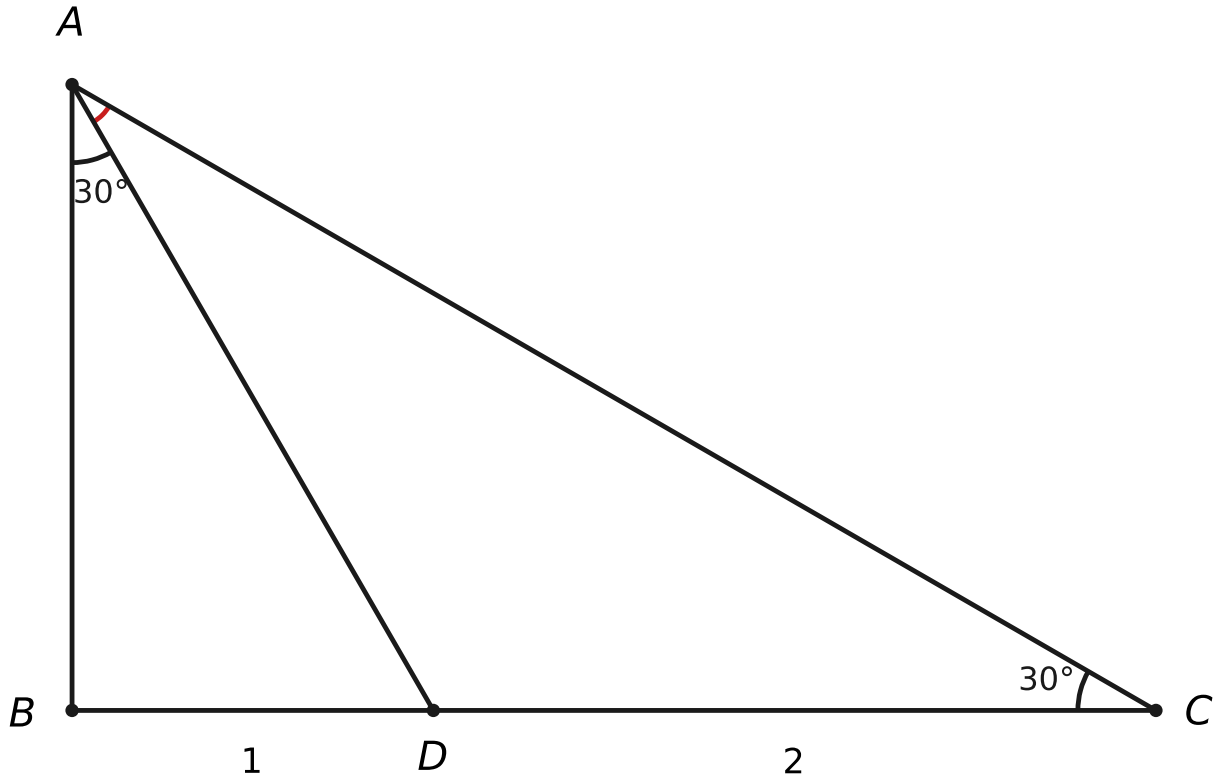
Cevap: $\angle BAD = 30^\circ$

($k_1 = 1/2$, $N = 2$) ailesi

Soru 2.5

$BD : DC = 1 : 2$, $\angle ACB = 30^\circ$, $\angle BAD = 30^\circ$.

$\angle DAC = ?$



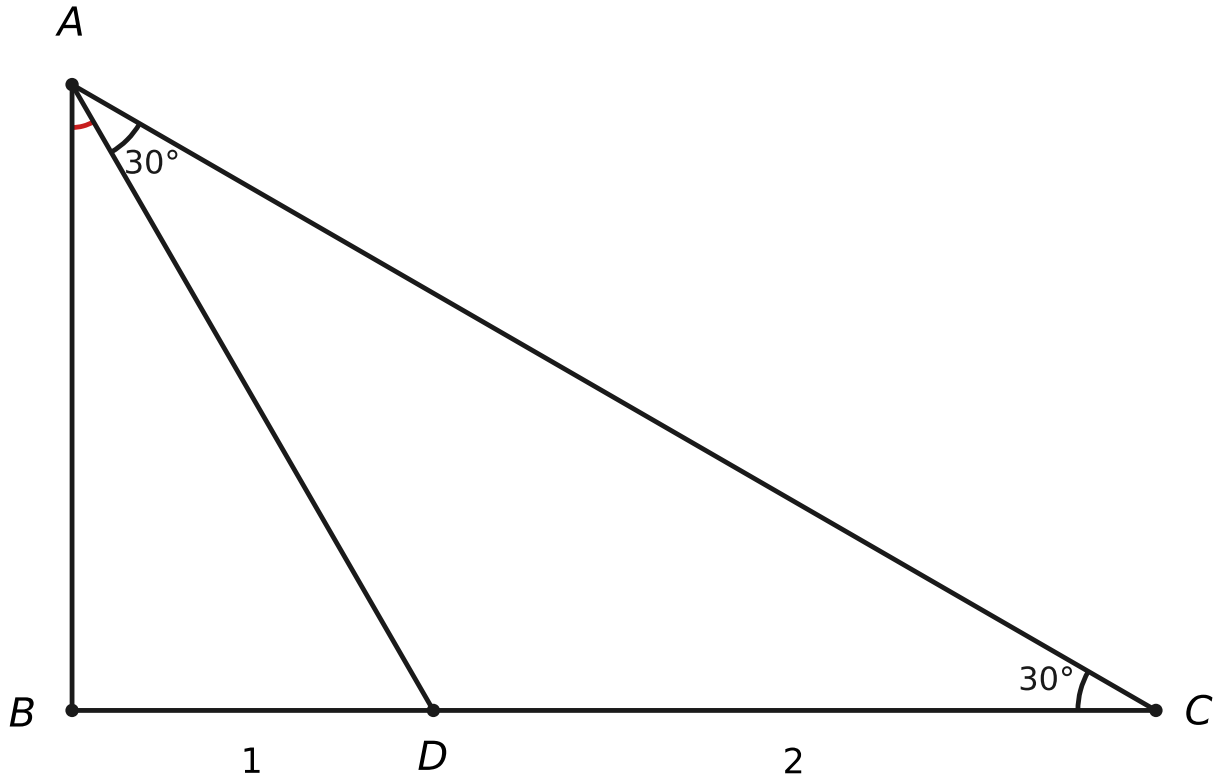
Cevap: $\angle DAC = 30^\circ$

($k_1 = 1/2$, $N = 2$) ailesi

Soru 2.6

$BD : DC = 1 : 2$, $\angle ACB = 30^\circ$, $\angle DAC = 30^\circ$.

$\angle BAD = ?$



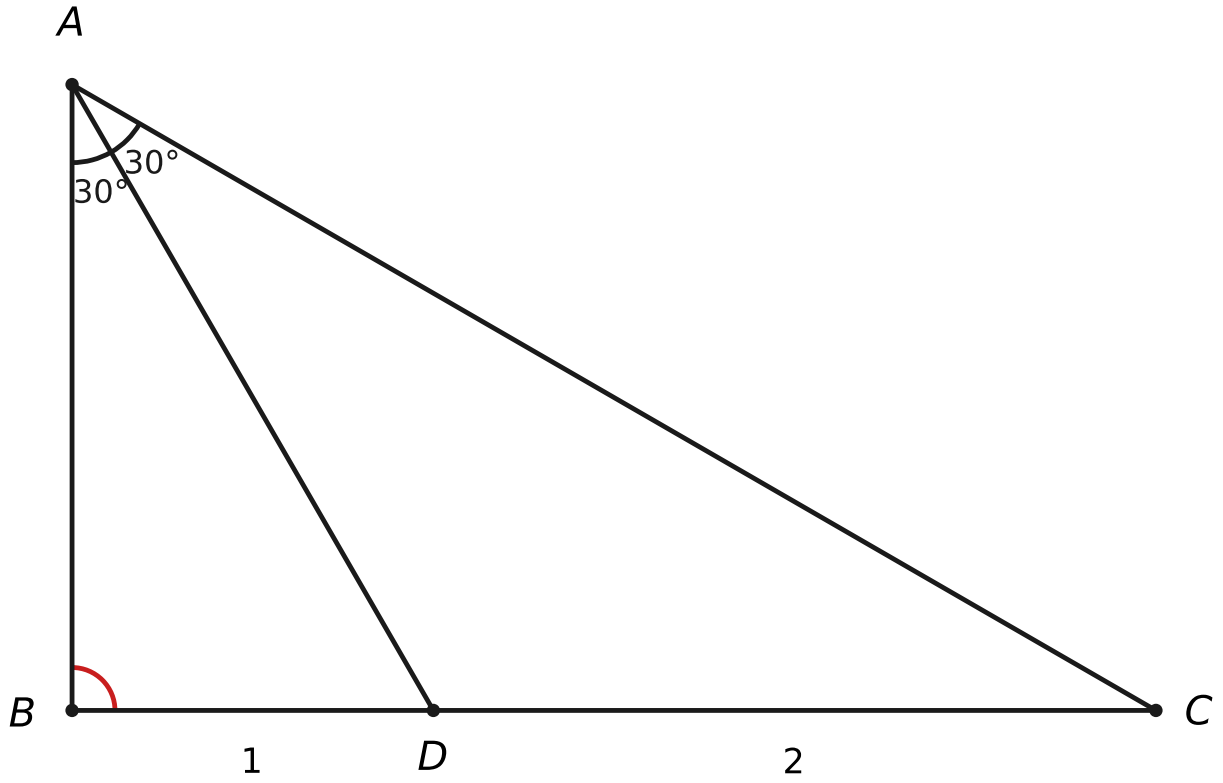
Cevap: $\angle BAD = 30^\circ$

($k_1 = 1/2$, $N = 2$) ailesi

Soru 2.7

$BD : DC = 1 : 2$, $\angle BAD = 30^\circ$, $\angle DAC = 30^\circ$.

$\angle ABC = ?$



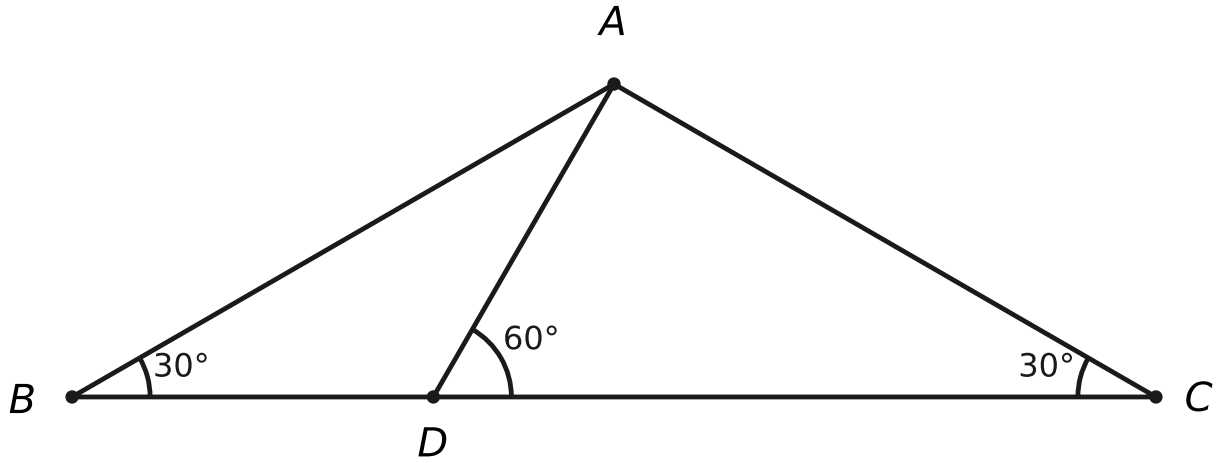
Cevap: $\angle ABC = 90^\circ$

($k_1 = 1/2$, $N = 3$) ailesi

Soru 3.0

$\angle ABC = 30^\circ$, $\angle ACB = 30^\circ$, $\angle ADC = 60^\circ$.

$BD : DC = ?$



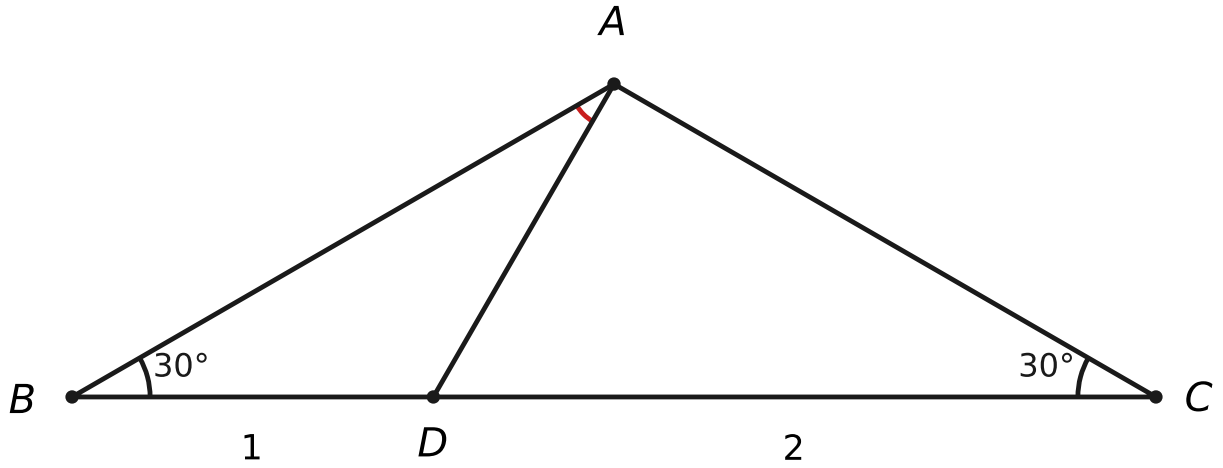
Cevap: $BD : DC = 1 : 2$

($k_1 = 1/2$, $N = 3$) ailesi

Soru 3.1

$BD : DC = 1 : 2$, $\angle ABC = 30^\circ$, $\angle ACB = 30^\circ$.

$\angle BAD = ?$

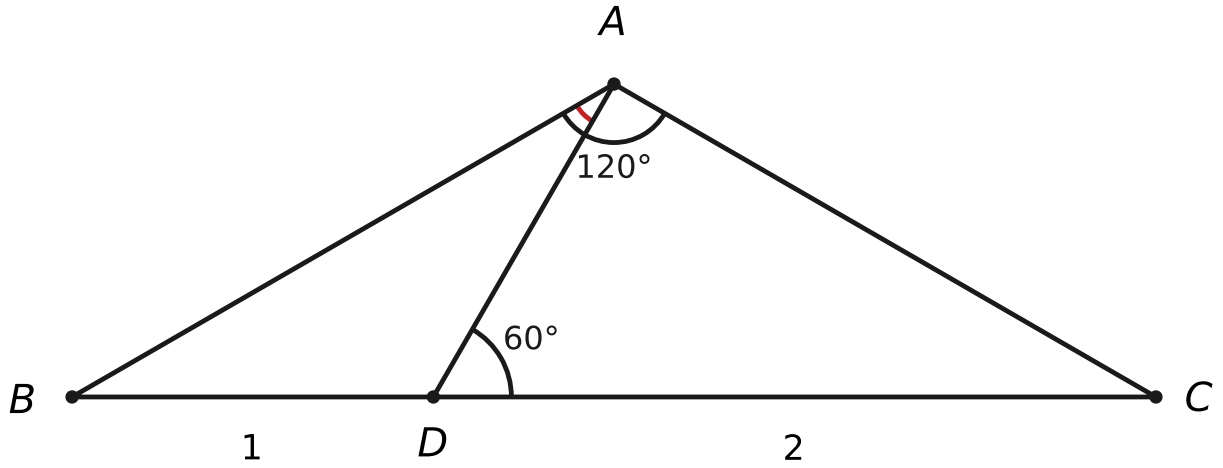


Cevap: $\angle BAD = 30^\circ$

($k_1 = 1/2$, $N = 3$) ailesi

Soru 3.2

$BD : DC = 1 : 2$, $\angle BAC = 120^\circ$, $\angle ADC = 60^\circ$.
 $\angle BAD = ?$



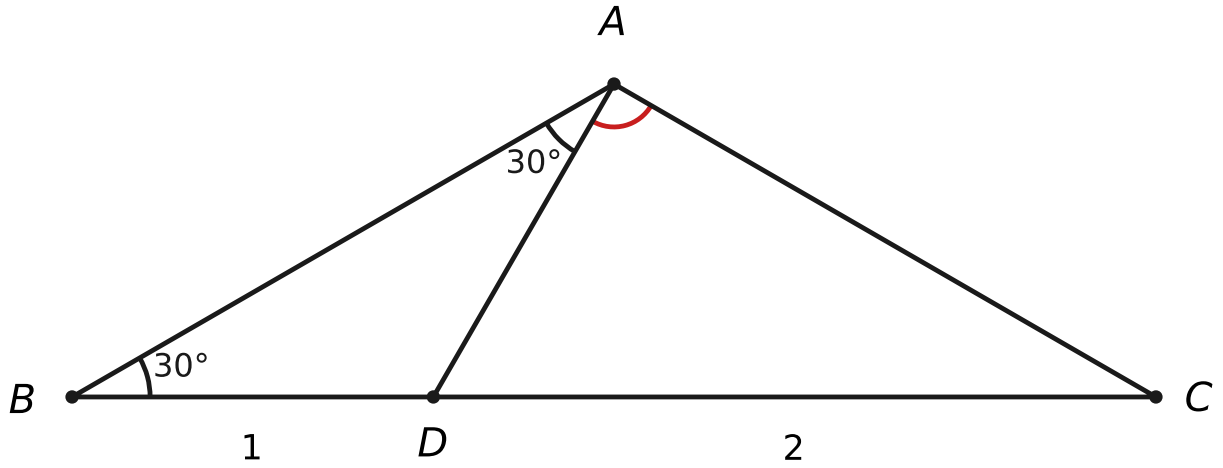
Cevap: $\angle BAD = 30^\circ$

($k_1 = 1/2$, $N = 3$) ailesi

Soru 3.3

$BD : DC = 1 : 2$, $\angle ABC = 30^\circ$, $\angle BAD = 30^\circ$.

$\angle DAC = ?$



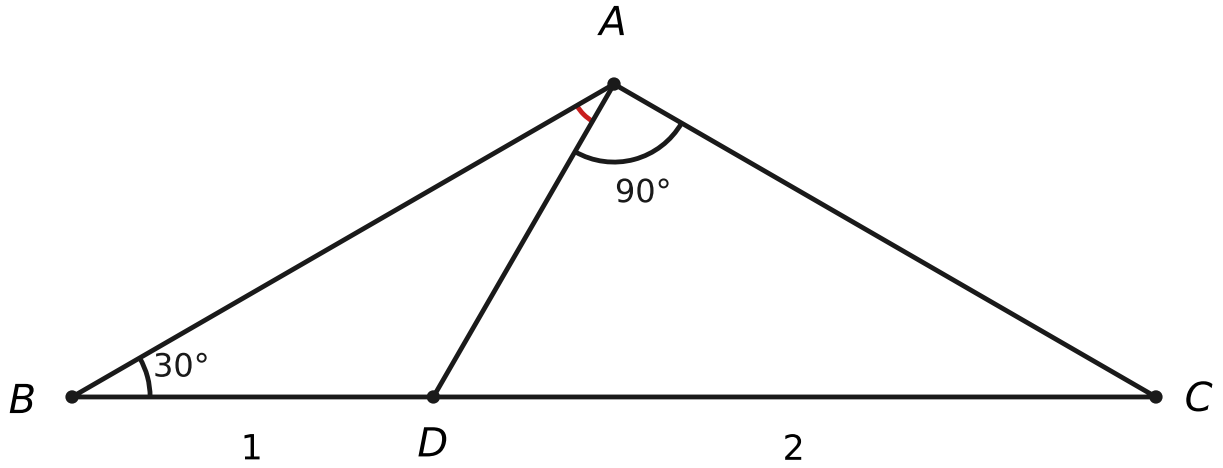
Cevap: $\angle DAC = 90^\circ$

($k_1 = 1/2$, $N = 3$) ailesi

Soru 3.4

$BD : DC = 1 : 2$, $\angle ABC = 30^\circ$, $\angle DAC = 90^\circ$.

$\angle BAD = ?$



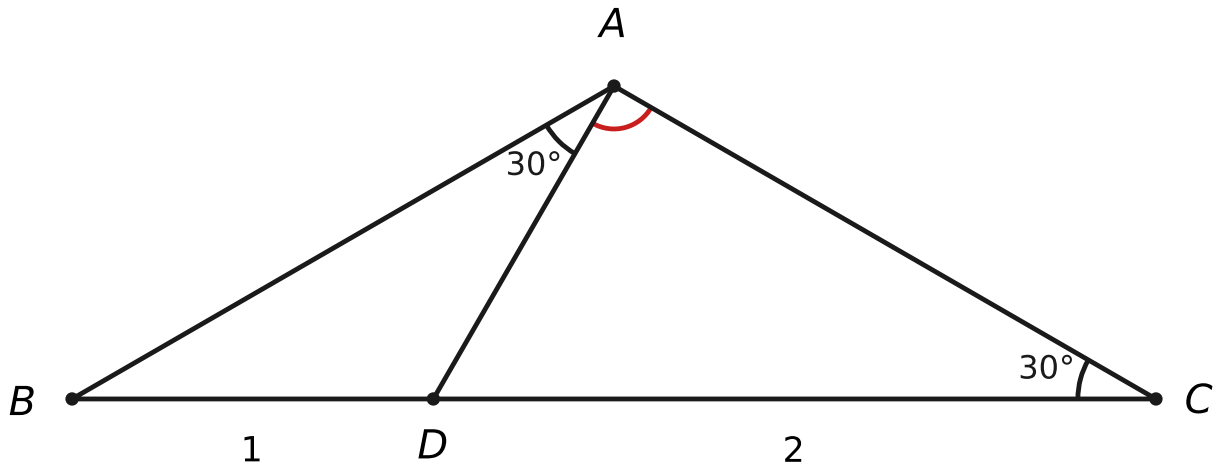
Cevap: $\angle BAD = 30^\circ$

($k_1 = 1/2$, $N = 3$) ailesi

Soru 3.5

$BD : DC = 1 : 2$, $\angle ACB = 30^\circ$, $\angle BAD = 30^\circ$.

$\angle DAC = ?$



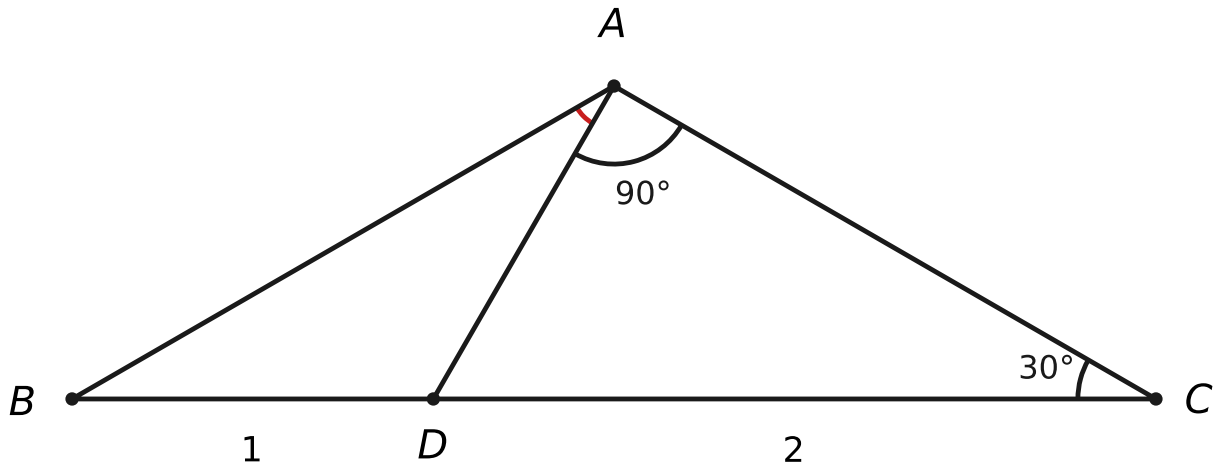
Cevap: $\angle DAC = 90^\circ$

($k_1 = 1/2$, $N = 3$) ailesi

Soru 3.6

$BD : DC = 1 : 2$, $\angle ACB = 30^\circ$, $\angle DAC = 90^\circ$.

$\angle BAD = ?$



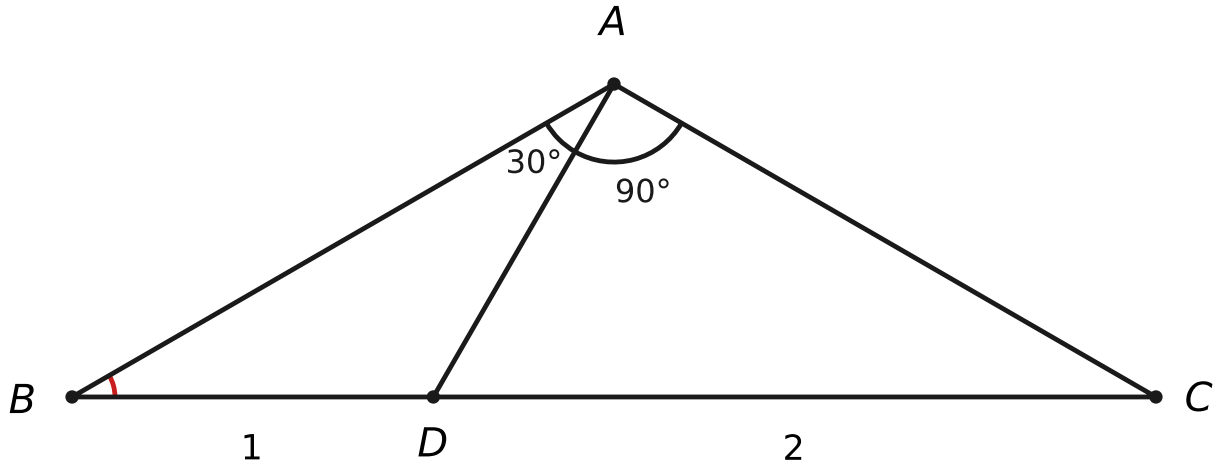
Cevap: $\angle BAD = 30^\circ$

($k_1 = 1/2$, $N = 3$) ailesi

Soru 3.7

$BD : DC = 1 : 2$, $\angle BAD = 30^\circ$, $\angle DAC = 90^\circ$.

$\angle ABC = ?$



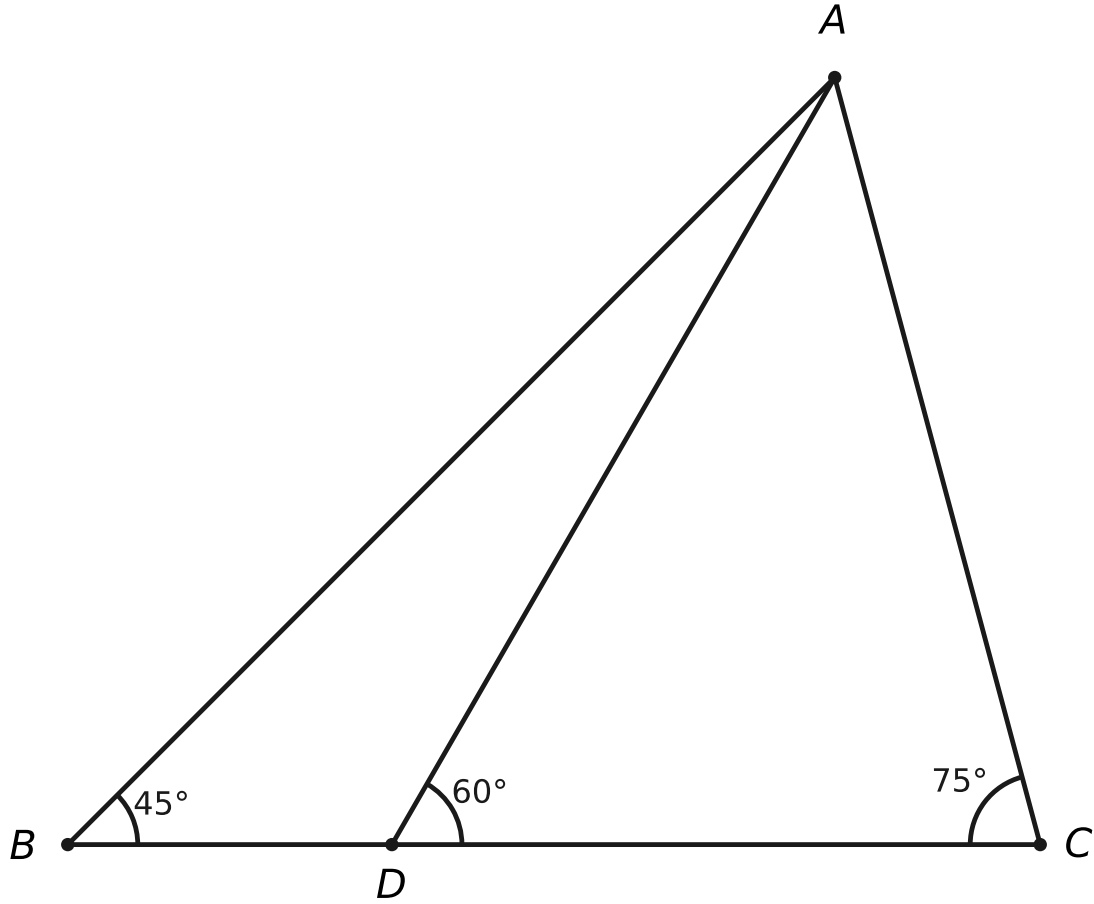
Cevap: $\angle ABC = 30^\circ$

($k_1 = 1/2$, $N = 4$) ailesi

Soru 4.0

$\angle ABC = 45^\circ$, $\angle ACB = 75^\circ$, $\angle ADC = 60^\circ$.

$BD : DC = ?$



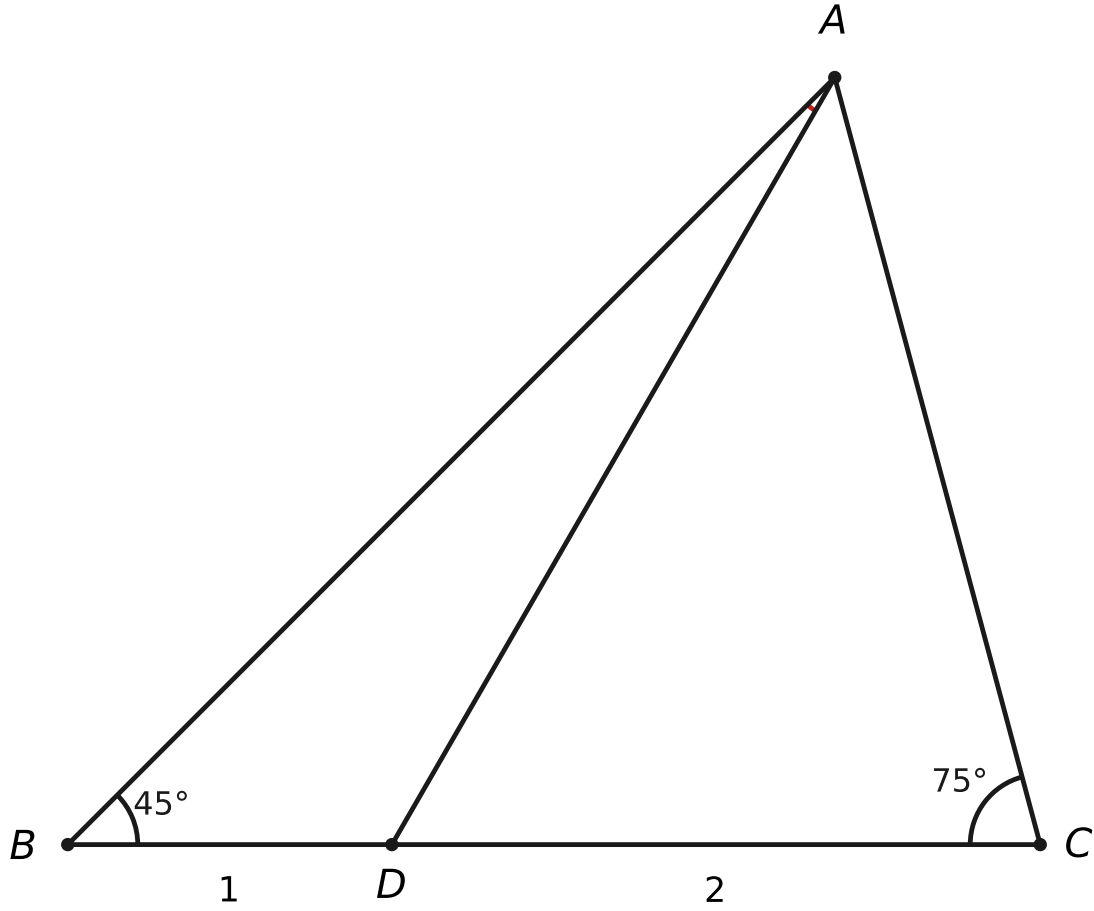
Cevap: $BD : DC = 1 : 2$

($k_1 = 1/2$, $N = 4$) ailesi

Soru 4.1

$BD : DC = 1 : 2$, $\angle ABC = 45^\circ$, $\angle ACB = 75^\circ$.

$\angle BAD = ?$



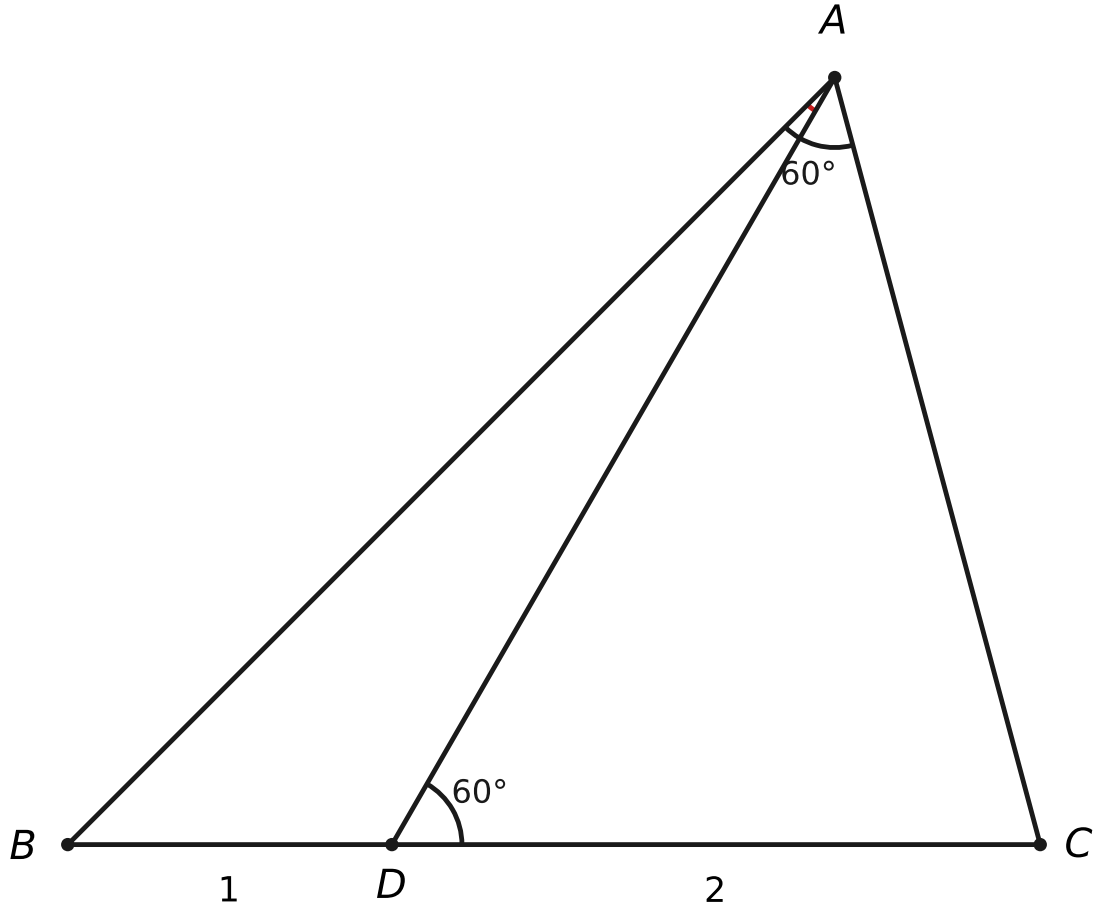
Cevap: $\angle BAD = 15^\circ$

($k_1 = 1/2$, $N = 4$) ailesi

Soru 4.2

$BD : DC = 1 : 2$, $\angle BAC = 60^\circ$, $\angle ADC = 60^\circ$.

$\angle BAD = ?$



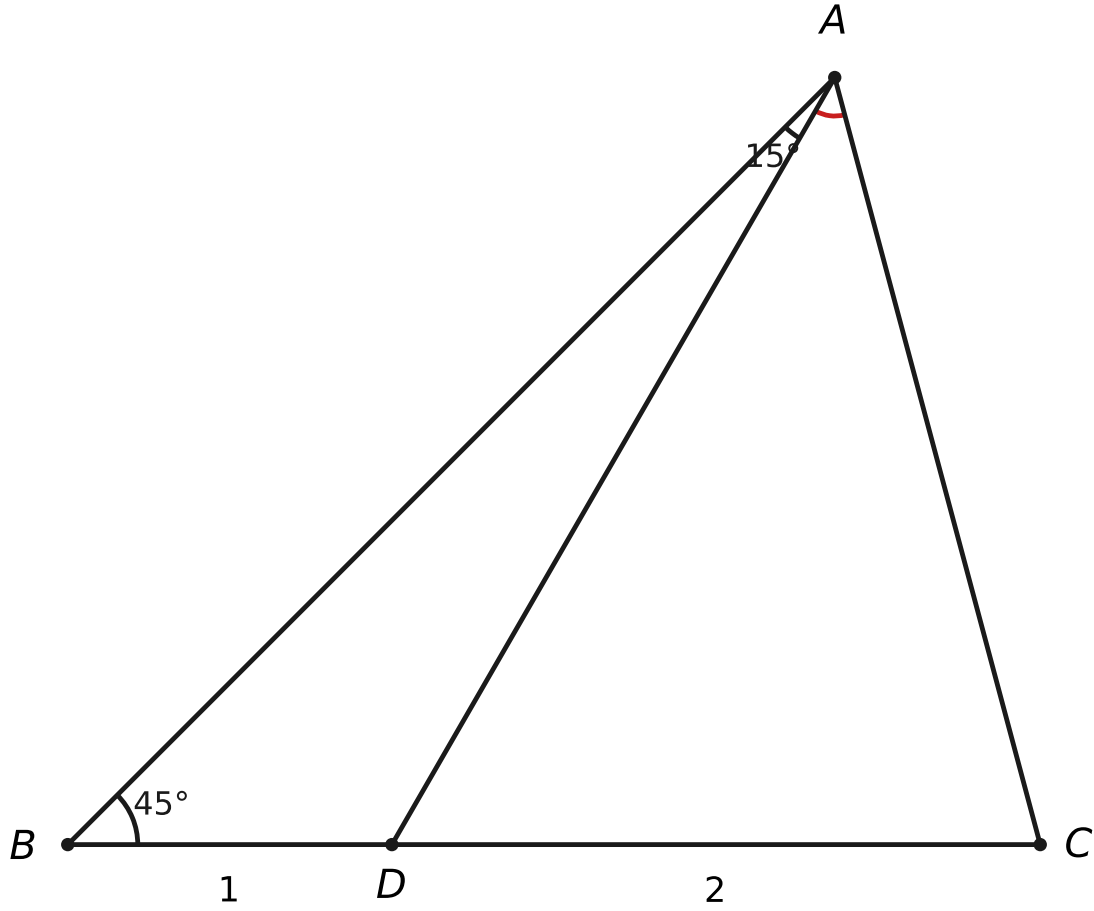
Cevap: $\angle BAD = 15^\circ$

($k_1 = 1/2$, $N = 4$) ailesi

Soru 4.3

$BD : DC = 1 : 2$, $\angle ABC = 45^\circ$, $\angle BAD = 15^\circ$.

$\angle DAC = ?$



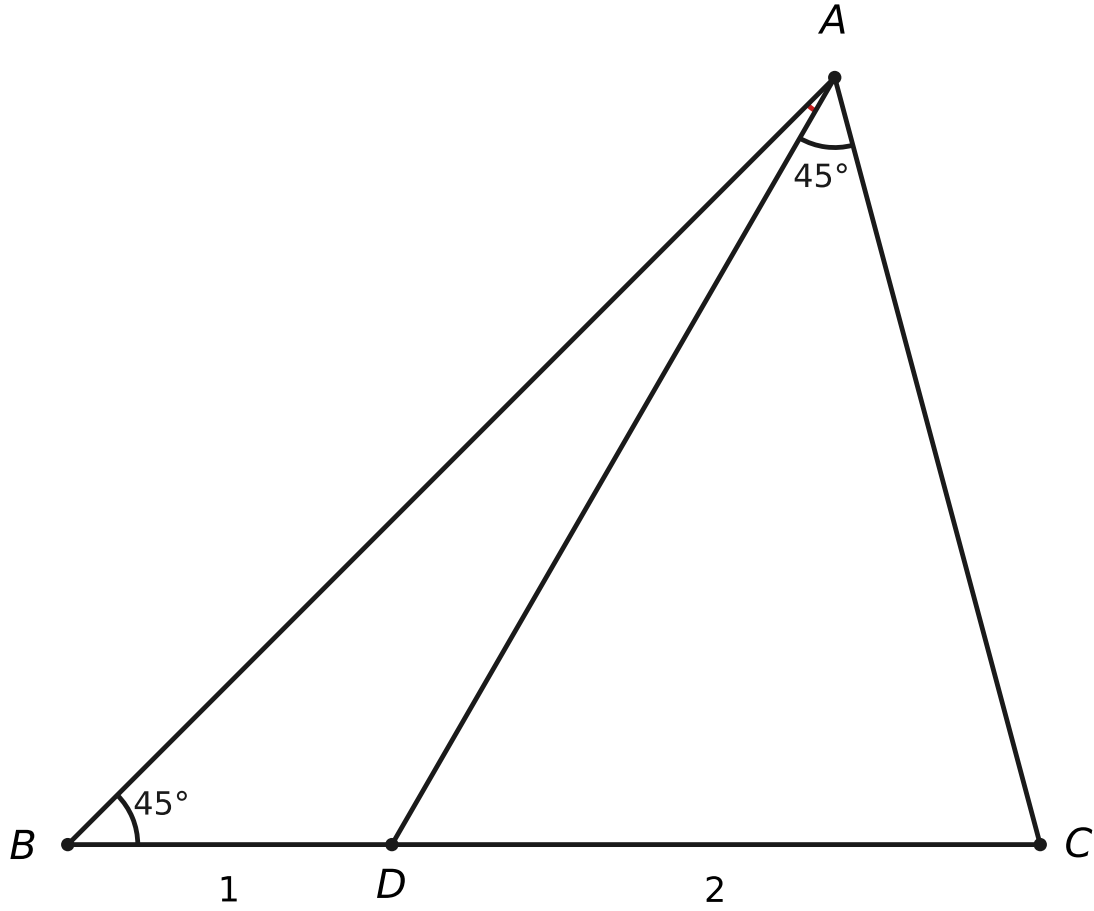
Cevap: $\angle DAC = 45^\circ$

($k_1 = 1/2$, $N = 4$) ailesi

Soru 4.4

$BD : DC = 1 : 2$, $\angle ABC = 45^\circ$, $\angle DAC = 45^\circ$.

$\angle BAD = ?$



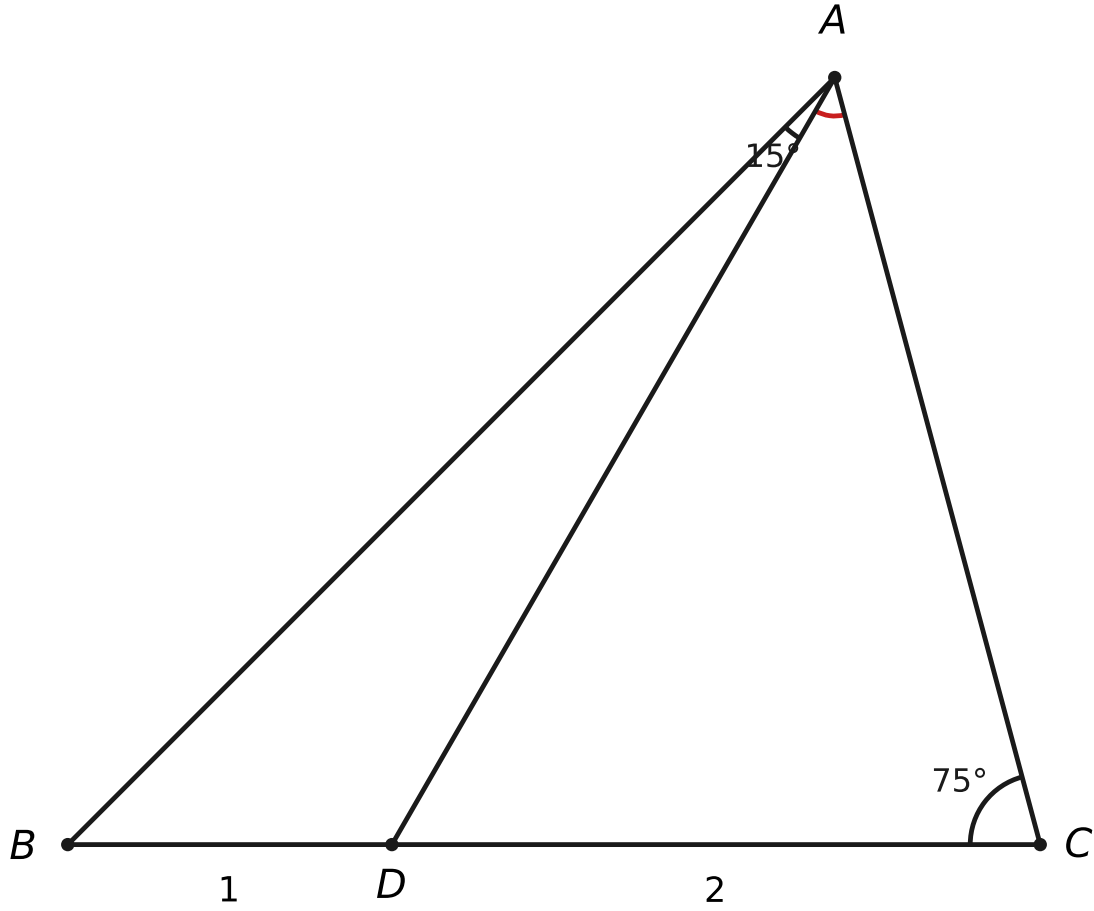
Cevap: $\angle BAD = 15^\circ$

($k_1 = 1/2$, $N = 4$) ailesi

Soru 4.5

$BD : DC = 1 : 2$, $\angle ACB = 75^\circ$, $\angle BAD = 15^\circ$.

$\angle DAC = ?$



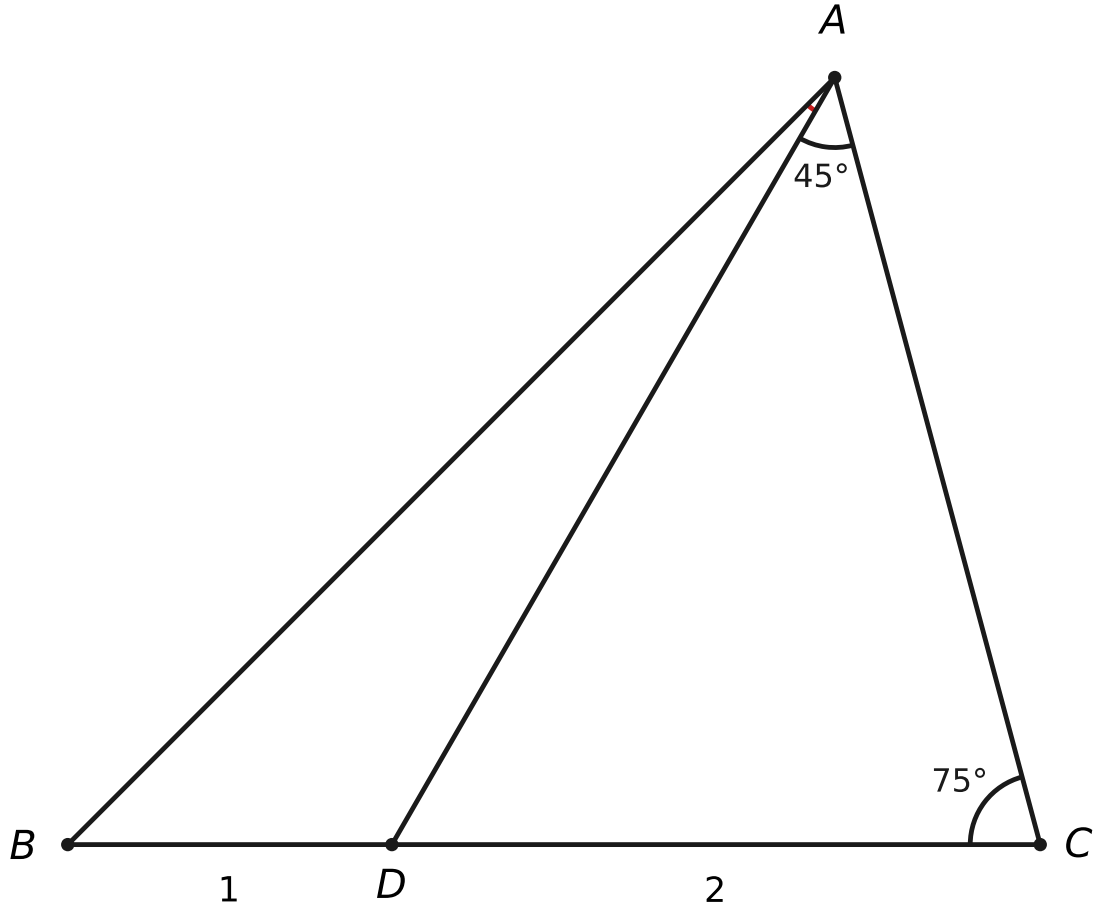
Cevap: $\angle DAC = 45^\circ$

($k_1 = 1/2$, $N = 4$) ailesi

Soru 4.6

$BD : DC = 1 : 2$, $\angle ACB = 75^\circ$, $\angle DAC = 45^\circ$.

$\angle BAD = ?$



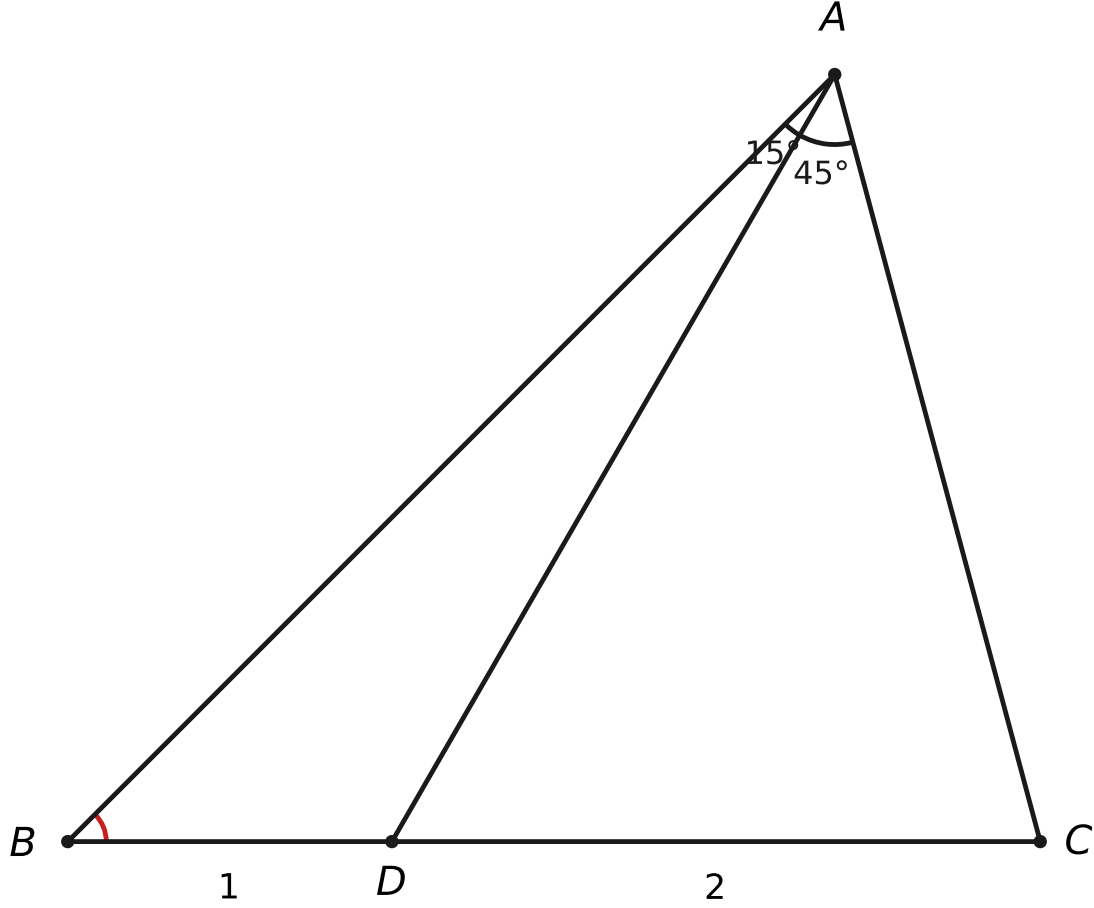
Cevap: $\angle BAD = 15^\circ$

($k_1 = 1/2$, $N = 4$) ailesi

Soru 4.7

$BD : DC = 1 : 2$, $\angle BAD = 15^\circ$, $\angle DAC = 45^\circ$.

$\angle ABC = ?$



Cevap: $\angle ABC = 45^\circ$

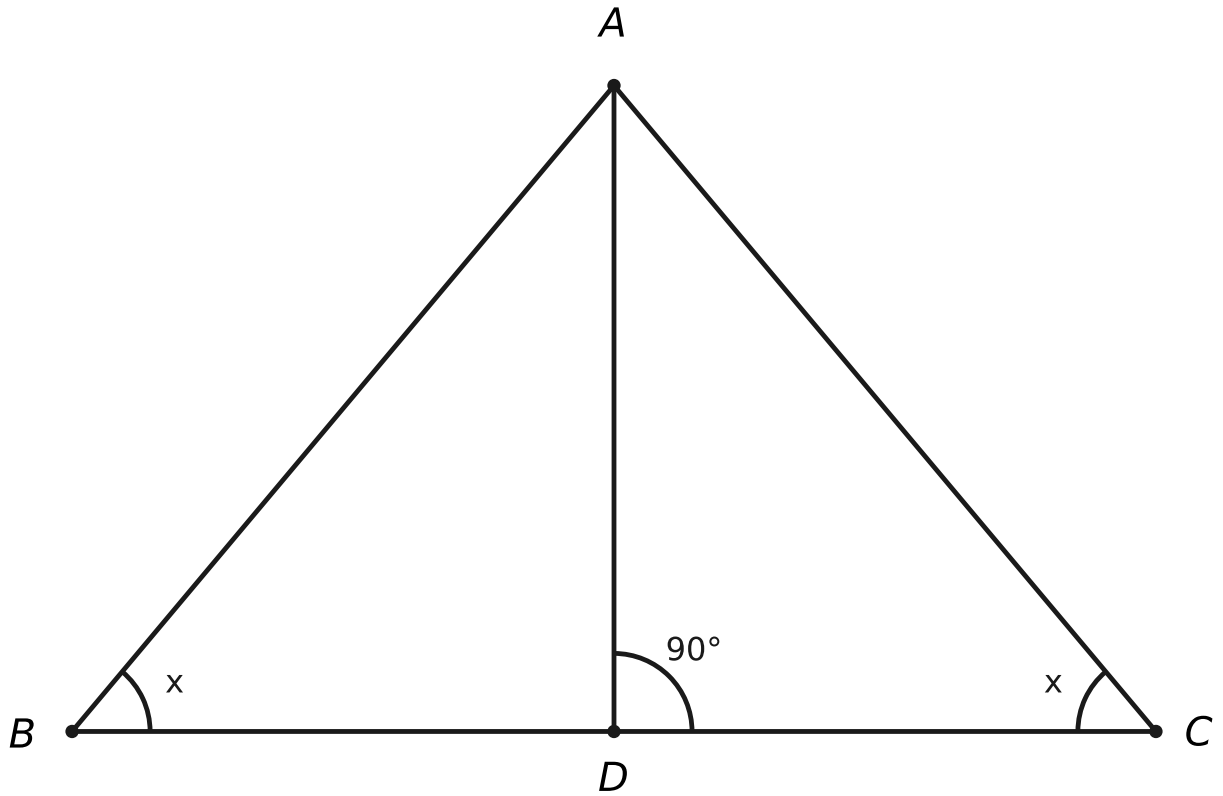
($k_1 = 1$, $N = 1$) ailesi

Soru 1.0

$\angle ABC = x$, $\angle ACB = x$, $\angle ADC = 90^\circ$.

$BD : DC = ?$

(Çizim $x = 50^\circ$ için yapılmıştır)



Cevap: $BD : DC = 1 : 1$

(çözüm için tıklayın »)

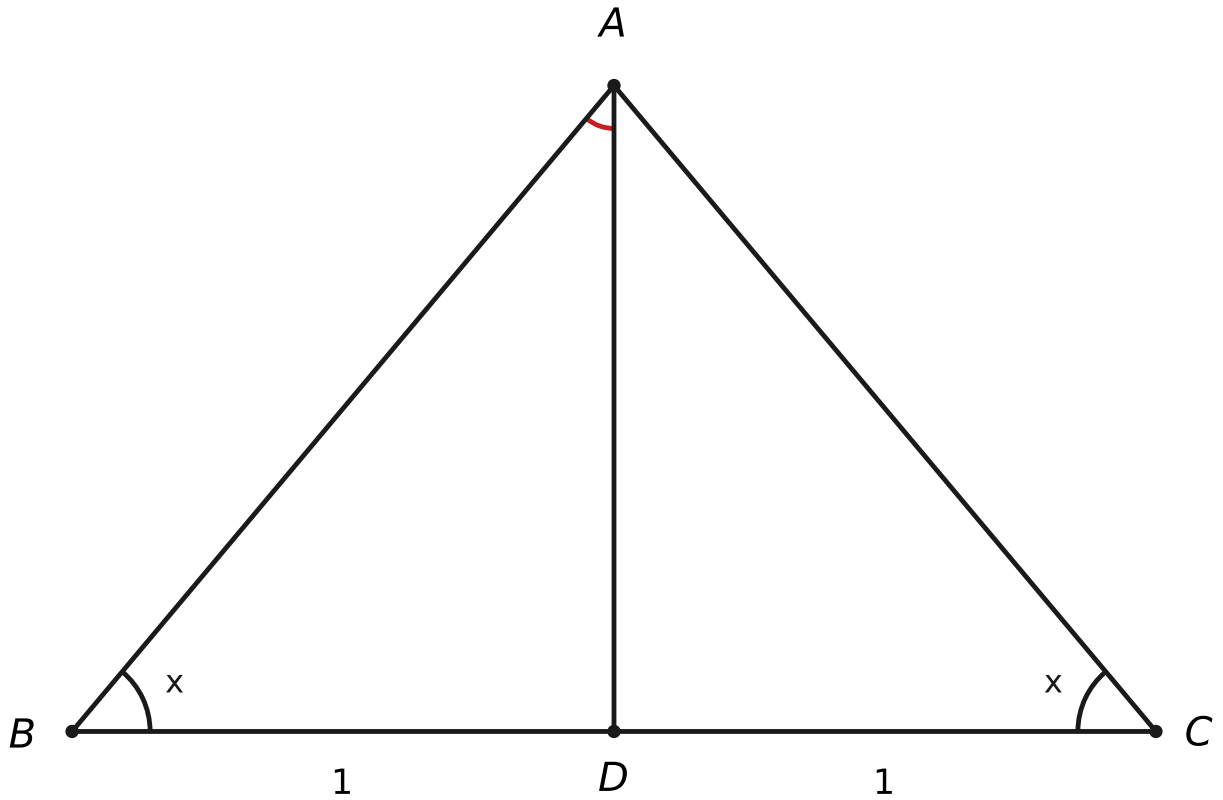
($k_1 = 1$, $N = 1$) ailesi

Soru 1.1

$BD : DC = 1 : 1$, $\angle ABC = x$, $\angle ACB = x$.

$\angle BAD = ?$

(Çizim $x = 50^\circ$ için yapılmıştır)



Cevap: $\angle BAD = 90^\circ - x$

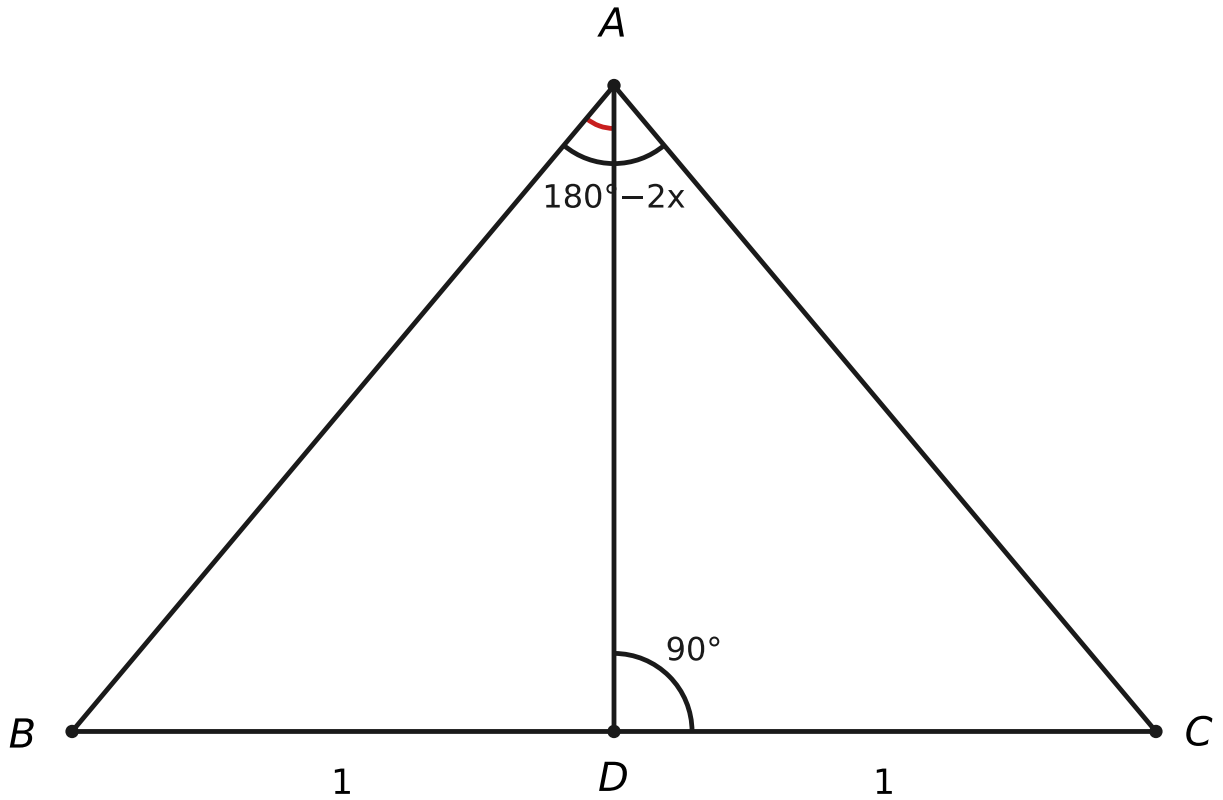
(çözüm için tıklayın »)

($k_1 = 1$, $N = 1$) ailesi

Soru 1.2

$BD : DC = 1 : 1$, $\angle BAC = 180^\circ - 2x$, $\angle ADC = 90^\circ$.
 $\angle BAD = ?$

(Çizim $x = 50^\circ$ için yapılmıştır)



Cevap: $\angle BAD = 90^\circ - x$

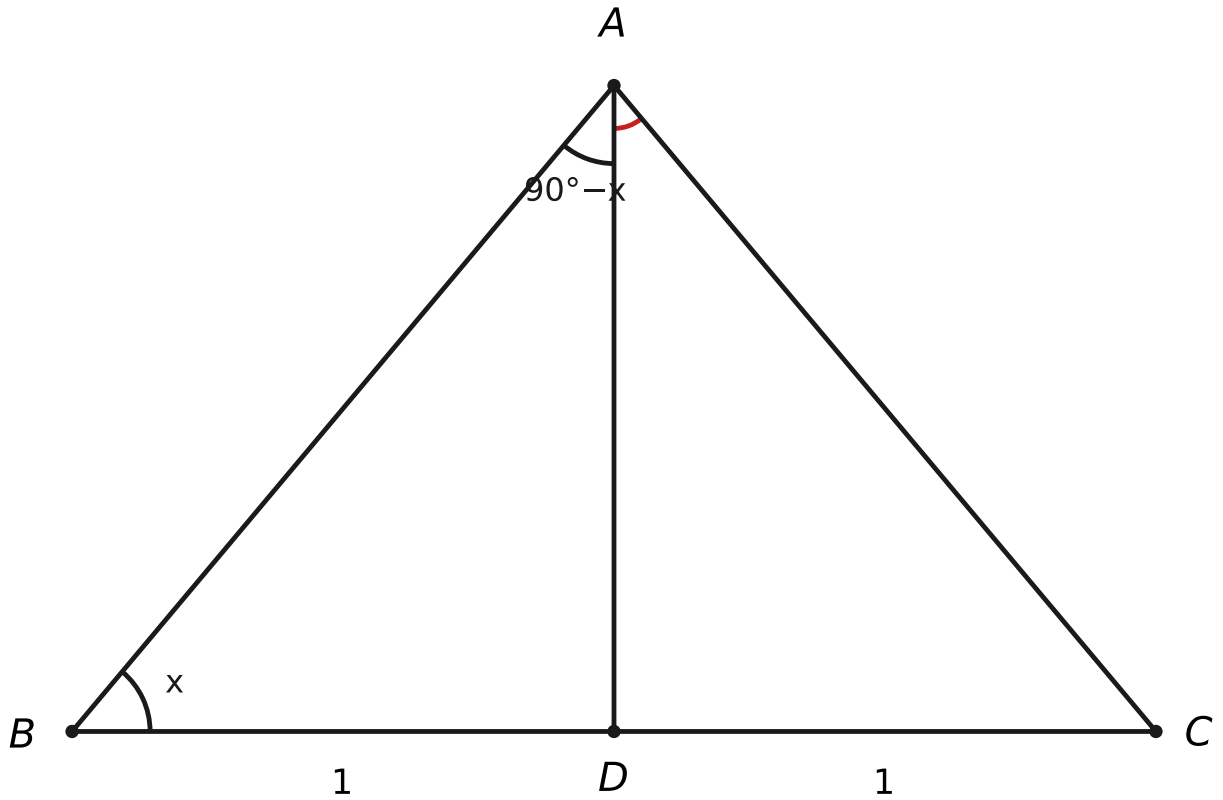
(çözüm için tıklayın »)

($k_1 = 1$, $N = 1$) ailesi

Soru 1.3

$BD : DC = 1 : 1$, $\angle ABC = x$, $\angle BAD = 90^\circ - x$.
 $\angle DAC = ?$

(Çizim $x = 50^\circ$ için yapılmıştır)



Cevap: $\angle DAC = 90^\circ - x$

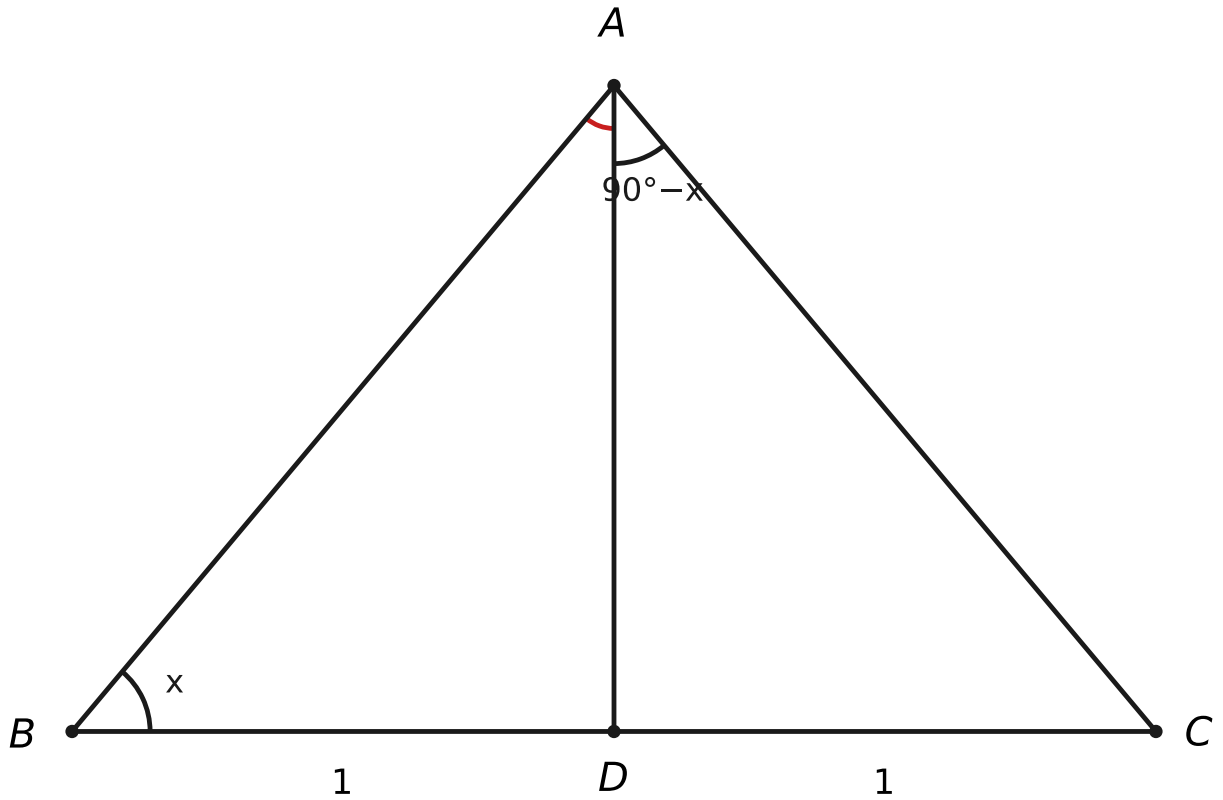
(çözüm için tıklayın »)

($k_1 = 1$, $N = 1$) ailesi

Soru 1.4

$BD : DC = 1 : 1$, $\angle ABC = x$, $\angle DAC = 90^\circ - x$.
 $\angle BAD = ?$

(Çizim $x = 50^\circ$ için yapılmıştır)



Cevap: $\angle BAD = 90^\circ - x$

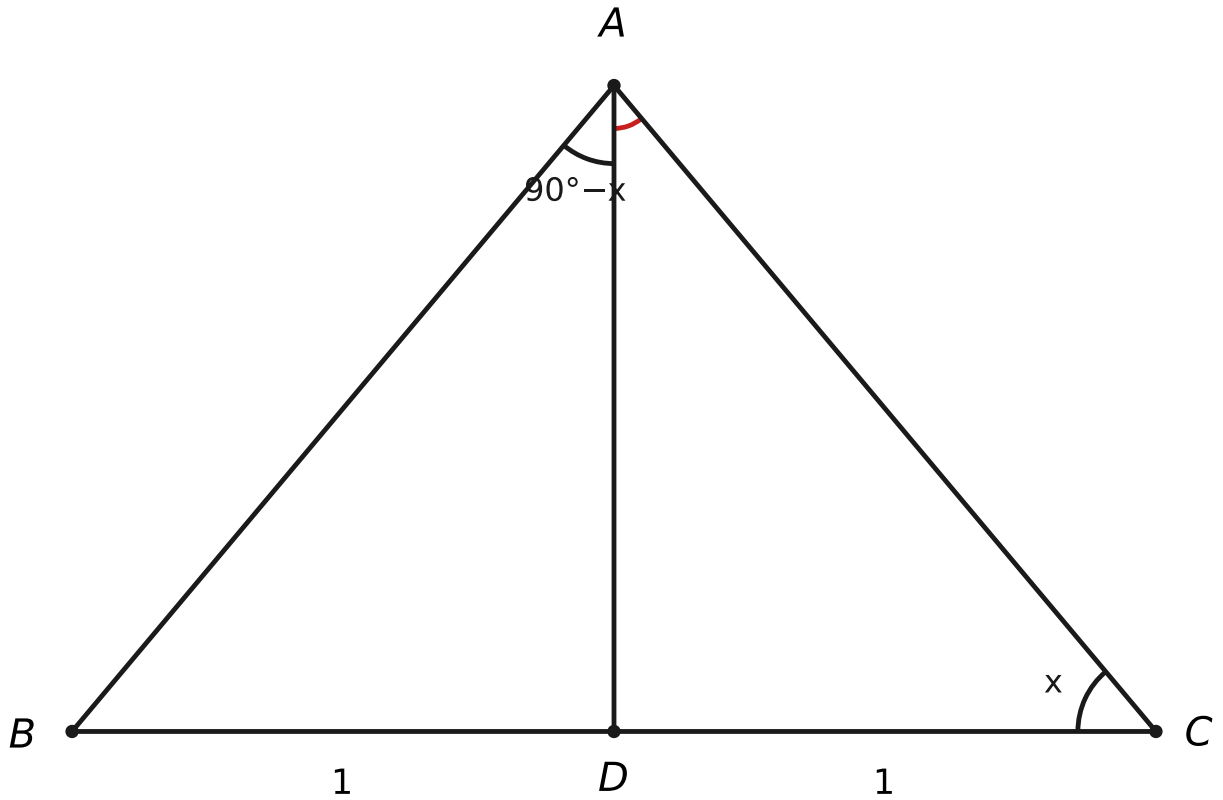
(çözüm için tıklayın »)

($k_1 = 1$, $N = 1$) ailesi

Soru 1.5

$BD : DC = 1 : 1$, $\angle ACB = x$, $\angle BAD = 90^\circ - x$.
 $\angle DAC = ?$

(Çizim $x = 50^\circ$ için yapılmıştır)



Cevap: $\angle DAC = 90^\circ - x$

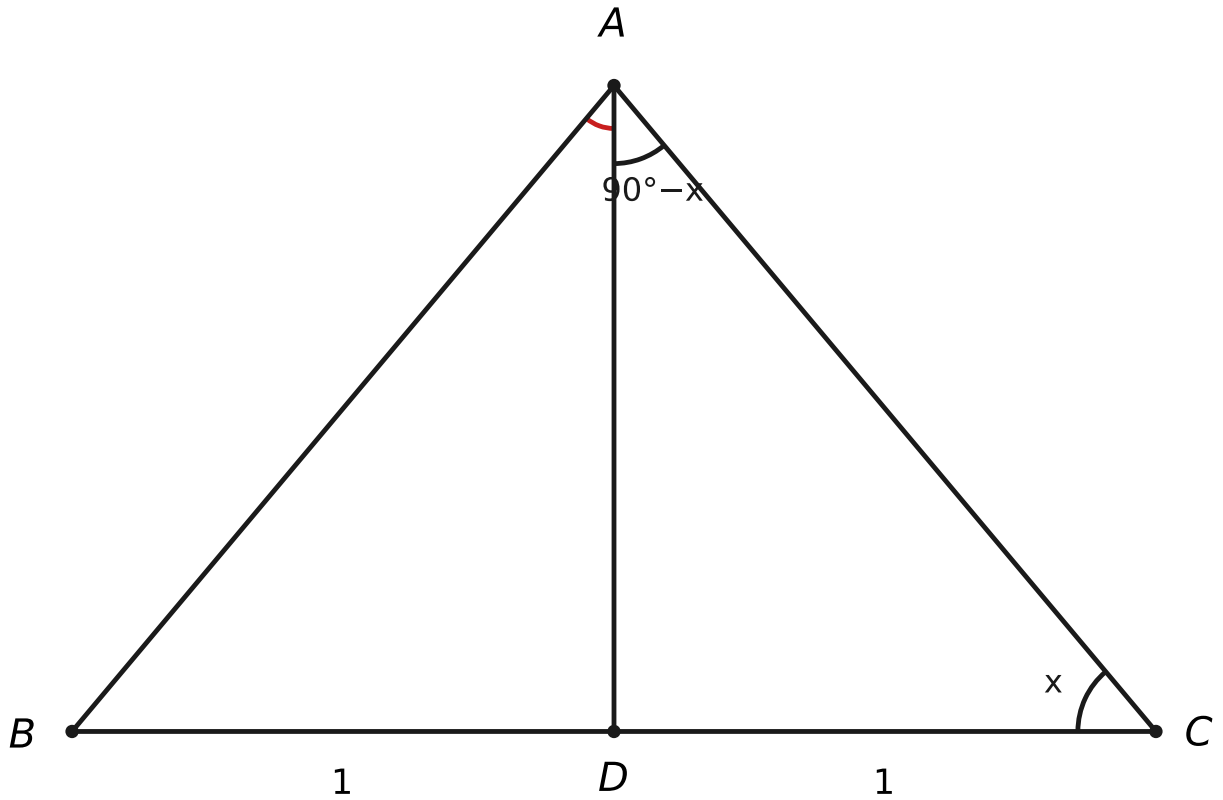
(çözüm için tıklayın »)

($k_1 = 1$, $N = 1$) ailesi

Soru 1.6

$BD : DC = 1 : 1$, $\angle ACB = x$, $\angle DAC = 90^\circ - x$.
 $\angle BAD = ?$

(Çizim $x = 50^\circ$ için yapılmıştır)



Cevap: $\angle BAD = 90^\circ - x$

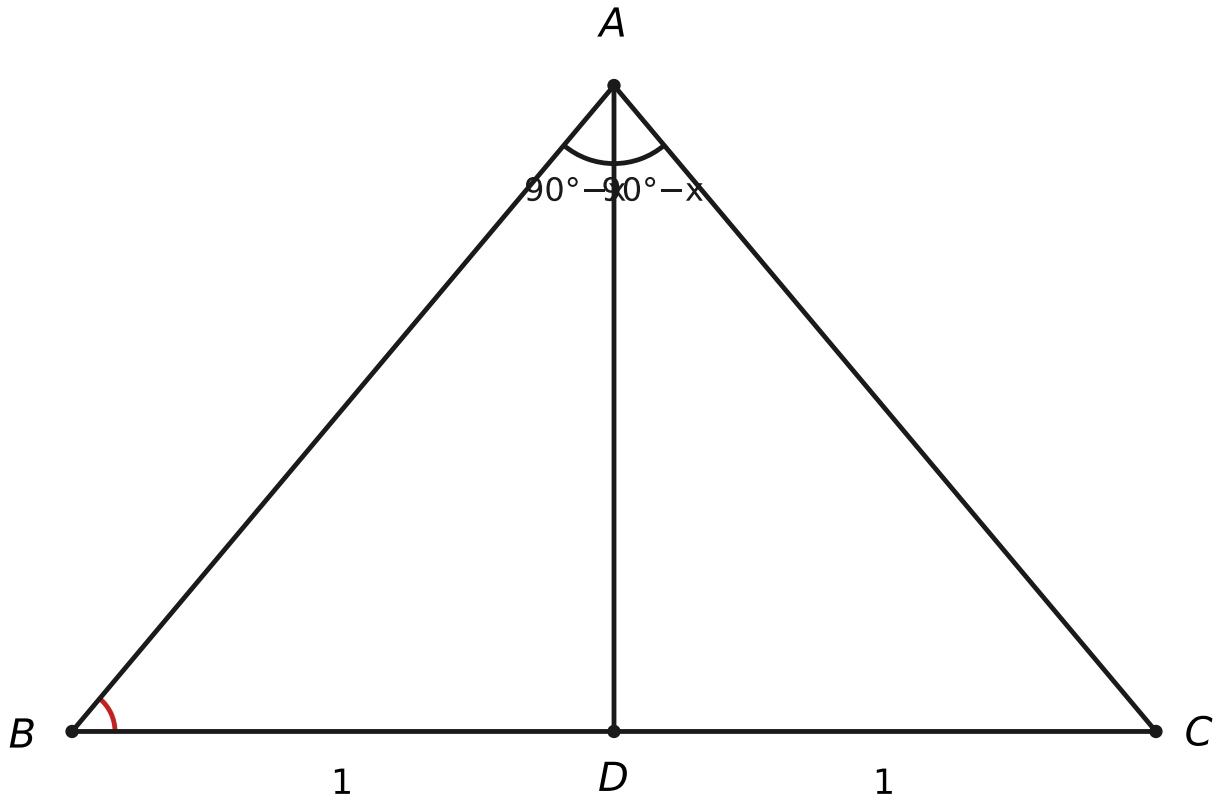
(çözüm için tıklayın »)

($k_1 = 1$, $N = 1$) ailesi

Soru 1.7

$BD : DC = 1 : 1$, $\angle BAD = 90^\circ - x$, $\angle DAC = 90^\circ - x$.
 $\angle ABC = ?$

(Çizim $x = 50^\circ$ için yapılmıştır)



Cevap: $\angle ABC = x$

(çözüm için tıklayın »)

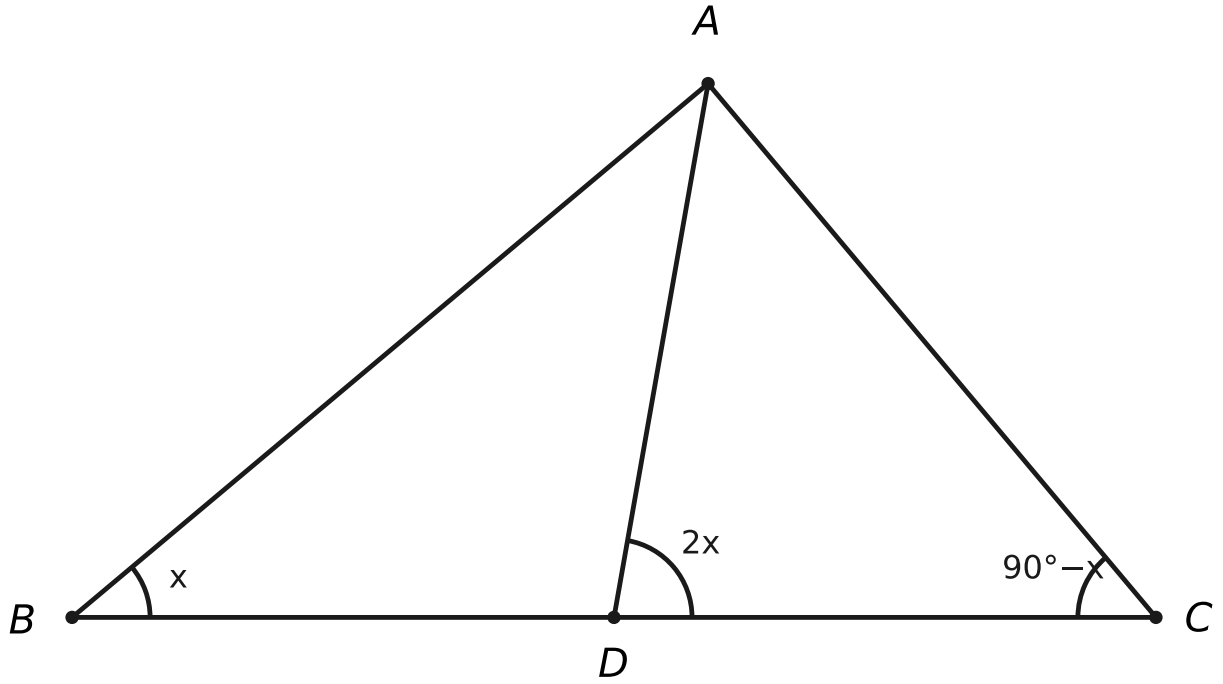
($k_1 = 1$, $N = 2$) ailesi

Soru 2.0

$\angle ABC = x$, $\angle ACB = 90^\circ - x$, $\angle ADC = 2x$.

$BD : DC = ?$

(Çizim $x = 40^\circ$ için yapılmıştır)



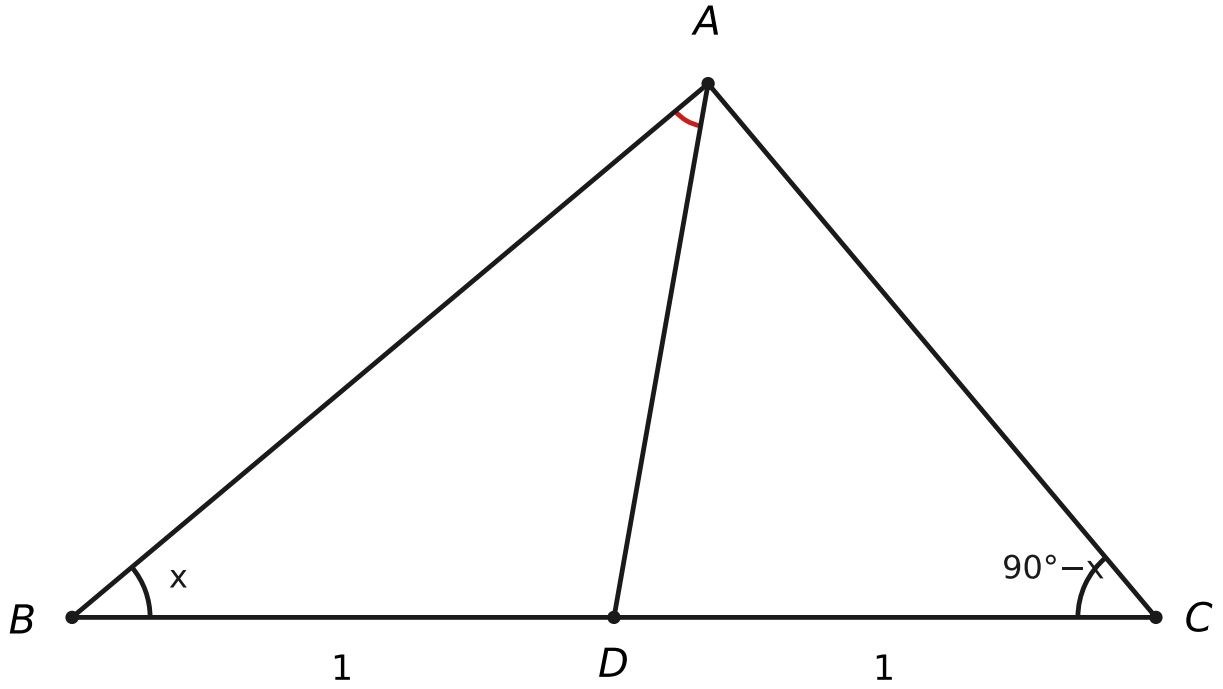
Cevap: $BD : DC = 1 : 1$

($k_1 = 1$, $N = 2$) ailesi

Soru 2.1

$BD : DC = 1 : 1$, $\angle ABC = x$, $\angle ACB = 90^\circ - x$.
 $\angle BAD = ?$

(Çizim $x = 40^\circ$ için yapılmıştır)



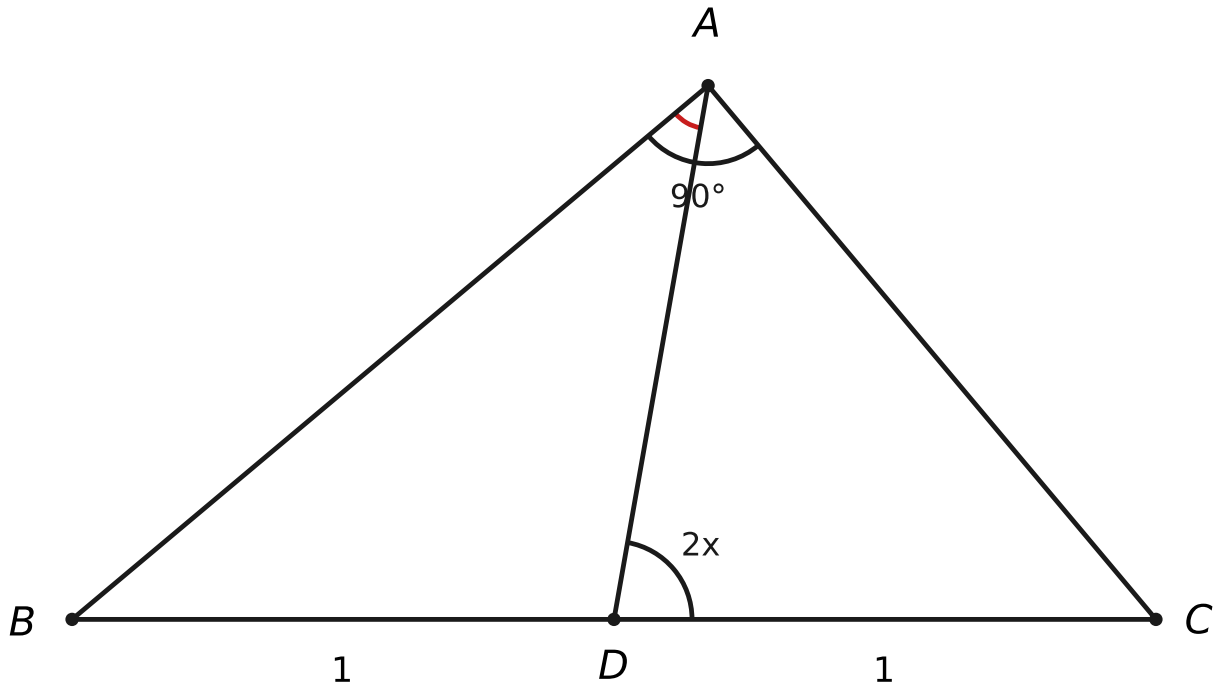
Cevap: $\angle BAD = x$

($k_1 = 1$, $N = 2$) ailesi

Soru 2.2

$BD : DC = 1 : 1$, $\angle BAC = 90^\circ$, $\angle ADC = 2x$.
 $\angle BAD = ?$

(Çizim $x = 40^\circ$ için yapılmıştır)



Cevap: $\angle BAD = x$

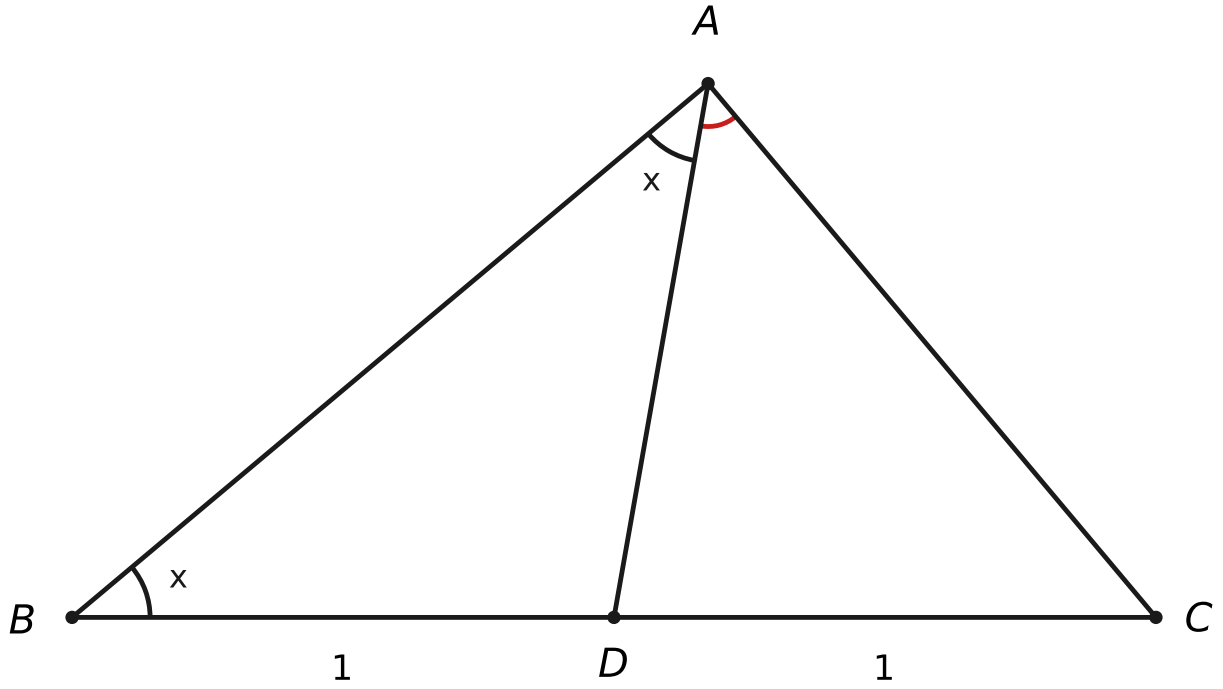
($k_1 = 1$, $N = 2$) ailesi

Soru 2.3

$BD : DC = 1 : 1$, $\angle ABC = x$, $\angle BAD = x$.

$\angle DAC = ?$

(Çizim $x = 40^\circ$ için yapılmıştır)



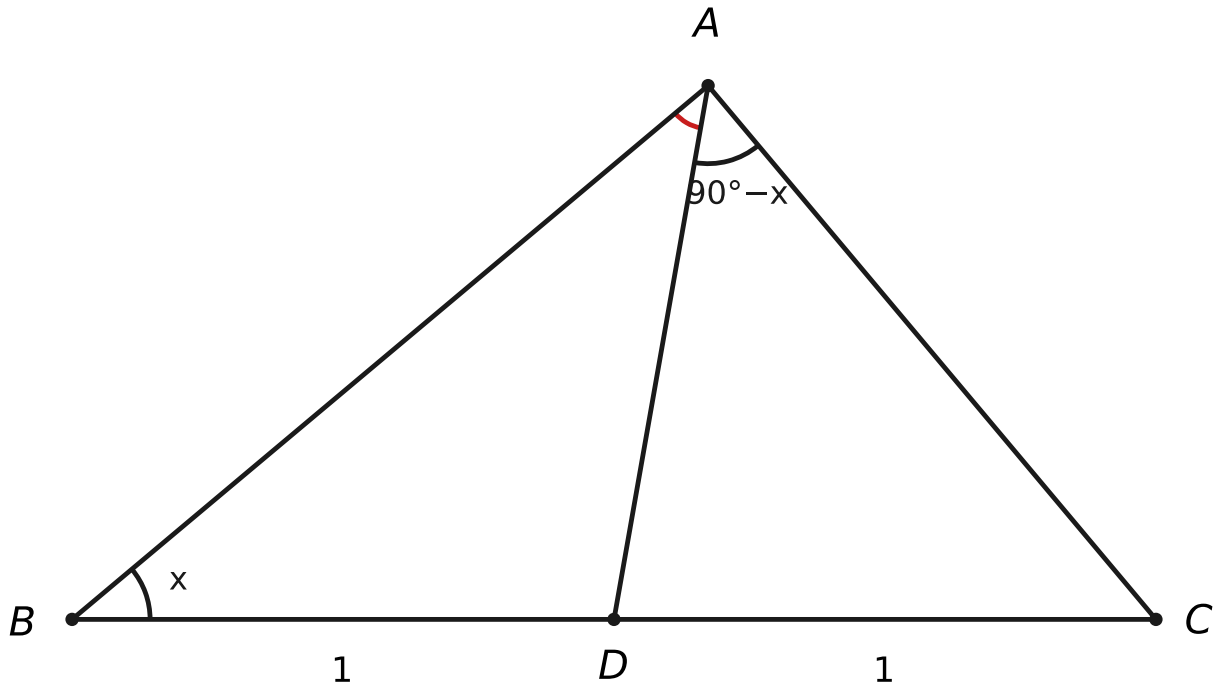
Cevap: $\angle DAC = 90^\circ - x$

($k_1 = 1$, $N = 2$) ailesi

Soru 2.4

$BD : DC = 1 : 1$, $\angle ABC = x$, $\angle DAC = 90^\circ - x$.
 $\angle BAD = ?$

(Çizim $x = 40^\circ$ için yapılmıştır)



Cevap: $\angle BAD = x$

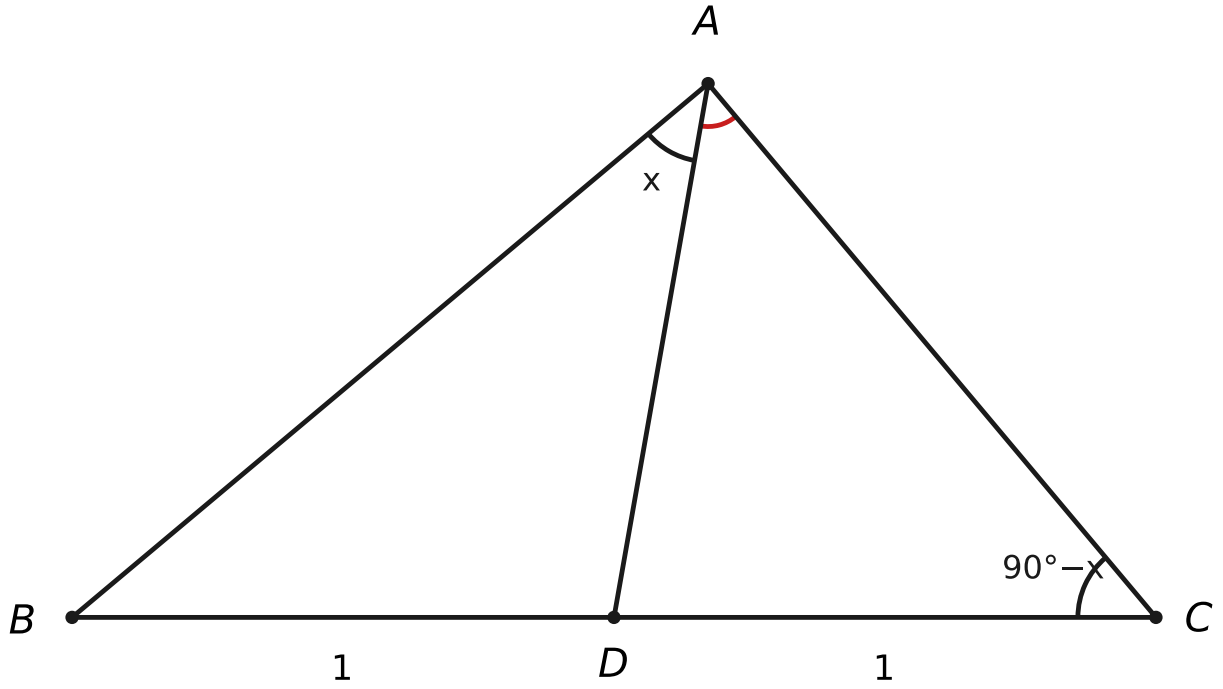
($k_1 = 1$, $N = 2$) ailesi

Soru 2.5

$BD : DC = 1 : 1$, $\angle ACB = 90^\circ - x$, $\angle BAD = x$.

$\angle DAC = ?$

(Çizim $x = 40^\circ$ için yapılmıştır)



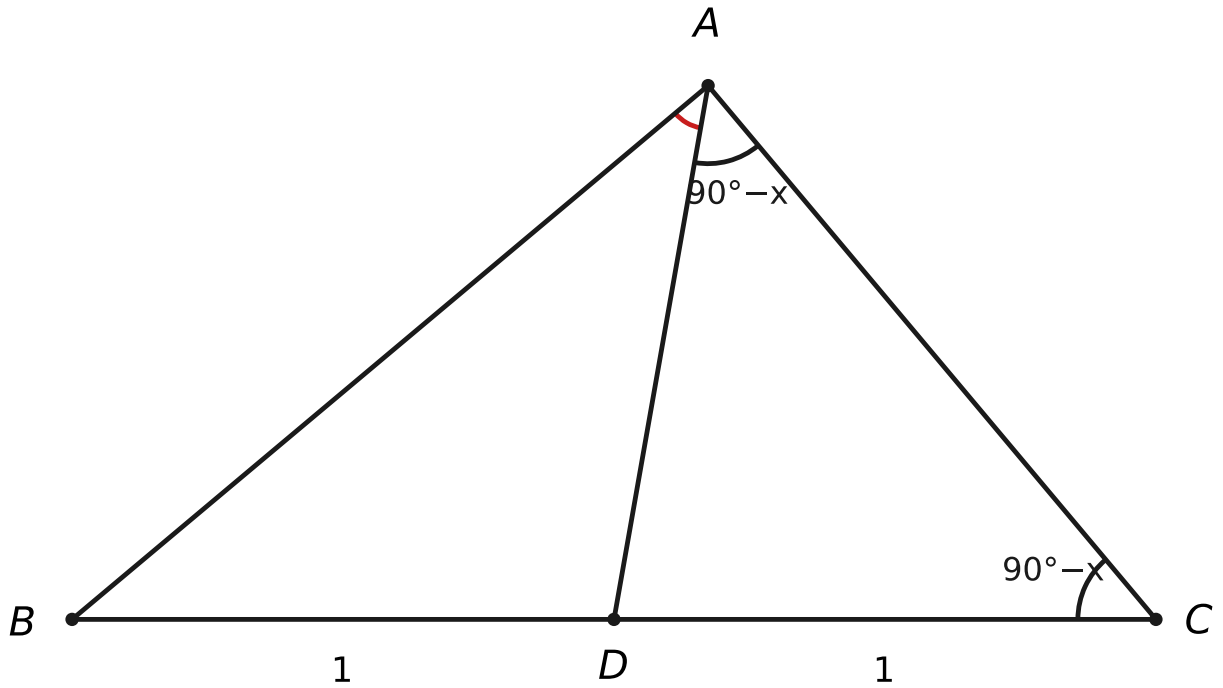
Cevap: $\angle DAC = 90^\circ - x$

($k_1 = 1$, $N = 2$) ailesi

Soru 2.6

$BD : DC = 1 : 1$, $\angle ACB = 90^\circ - x$, $\angle DAC = 90^\circ - x$.
 $\angle BAD = ?$

(Çizim $x = 40^\circ$ için yapılmıştır)



Cevap: $\angle BAD = x$

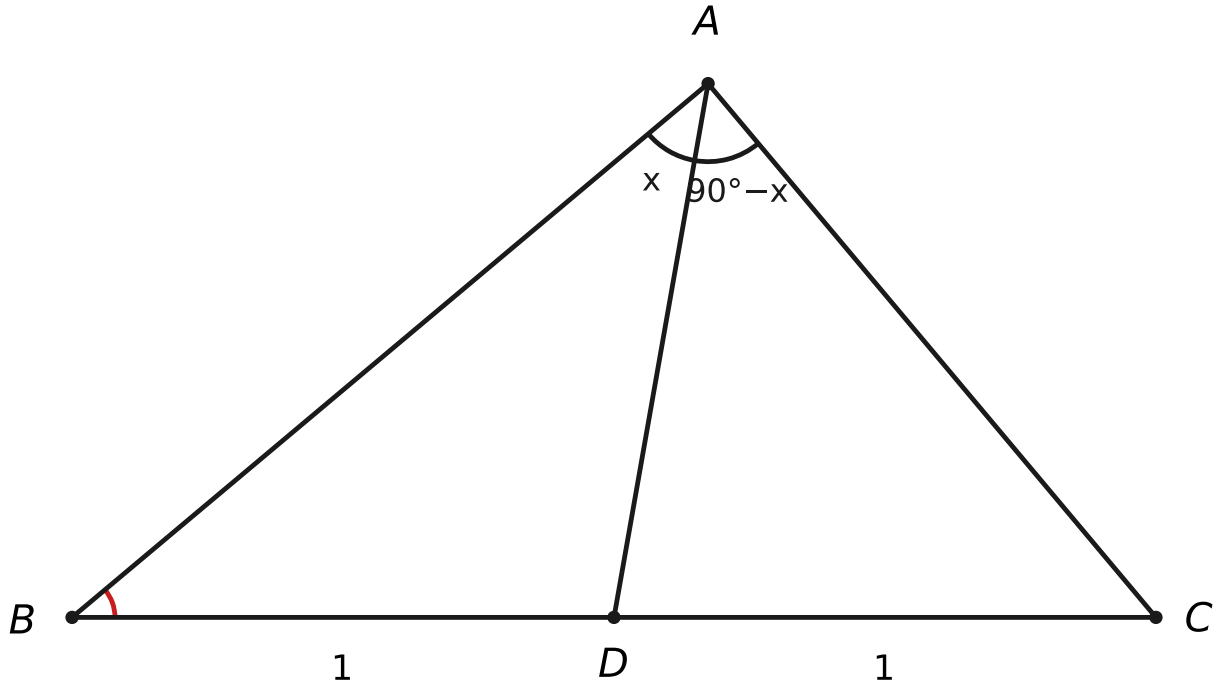
($k_1 = 1$, $N = 2$) ailesi

Soru 2.7

$BD : DC = 1 : 1$, $\angle BAD = x$, $\angle DAC = 90^\circ - x$.

$\angle ABC = ?$

(Çizim $x = 40^\circ$ için yapılmıştır)



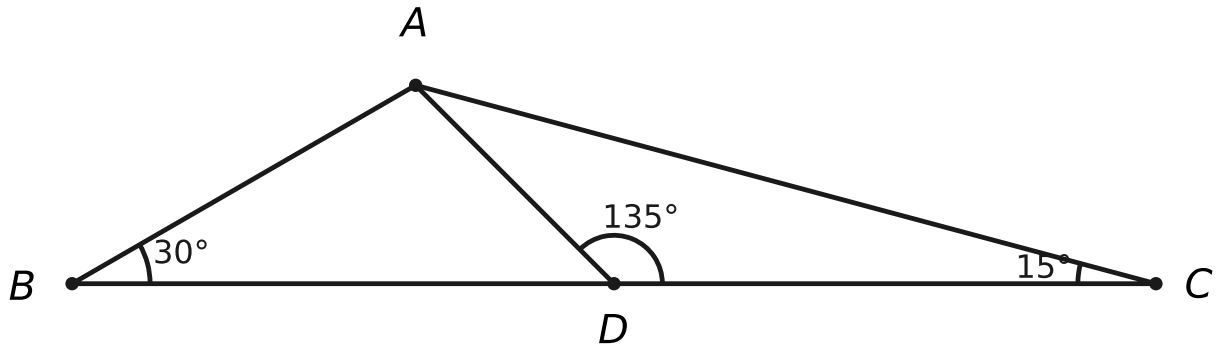
Cevap: $\angle ABC = x$

$(k_1 = 1, N = 3)$ ailesi

Soru 3.0

$\angle ABC = 30^\circ$, $\angle ACB = 15^\circ$, $\angle ADC = 135^\circ$.

$BD : DC = ?$



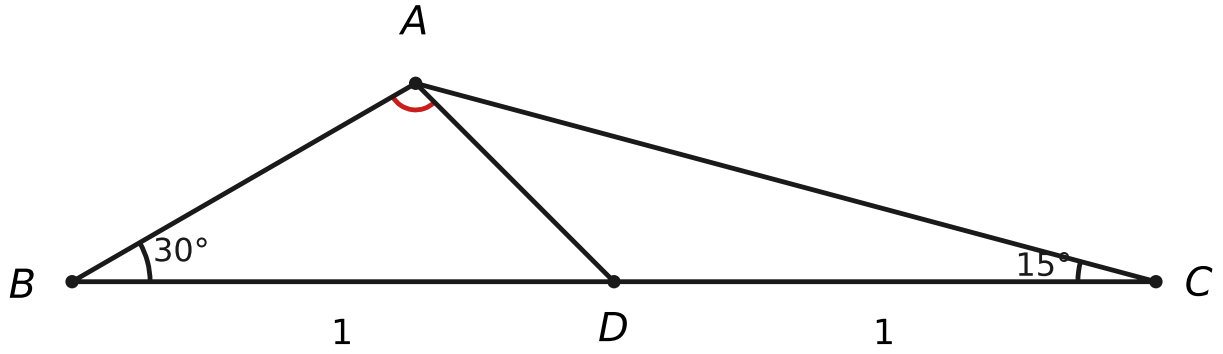
Cevap: $BD : DC = 1 : 1$

$(k_1 = 1, N = 3)$ ailesi

Soru 3.1

$BD : DC = 1 : 1$, $\angle ABC = 30^\circ$, $\angle ACB = 15^\circ$.

$\angle BAD = ?$



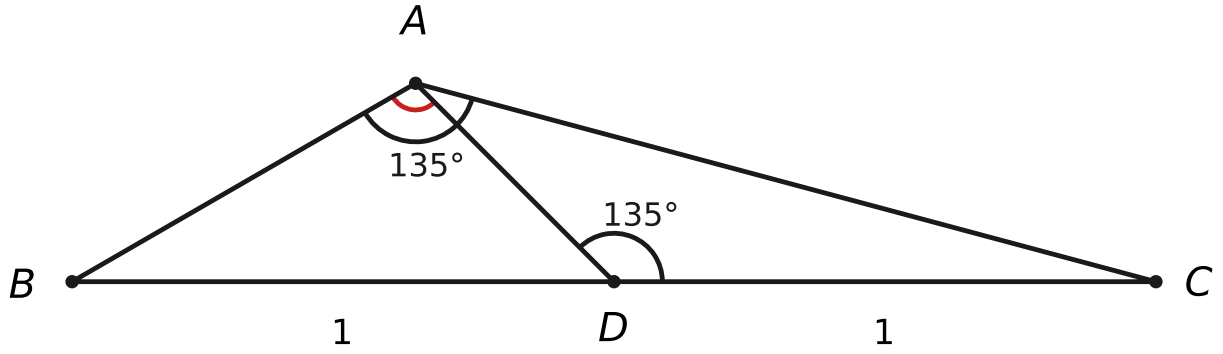
Cevap: $\angle BAD = 105^\circ$

$(k_1 = 1, N = 3)$ ailesi

Soru 3.2

$BD : DC = 1 : 1$, $\angle BAC = 135^\circ$, $\angle ADC = 135^\circ$.

$\angle BAD = ?$

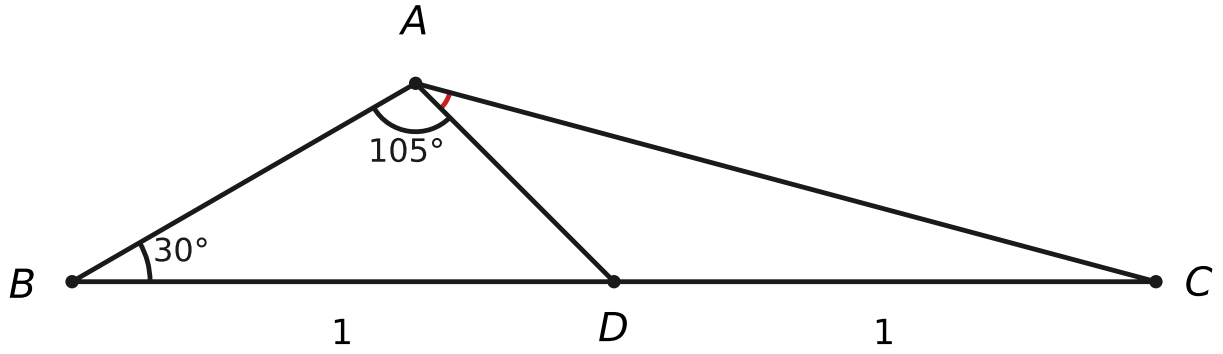


Cevap: $\angle BAD = 105^\circ$

$(k_1 = 1, N = 3)$ ailesi

Soru 3.3

$BD : DC = 1 : 1$, $\angle ABC = 30^\circ$, $\angle BAD = 105^\circ$.
 $\angle DAC = ?$



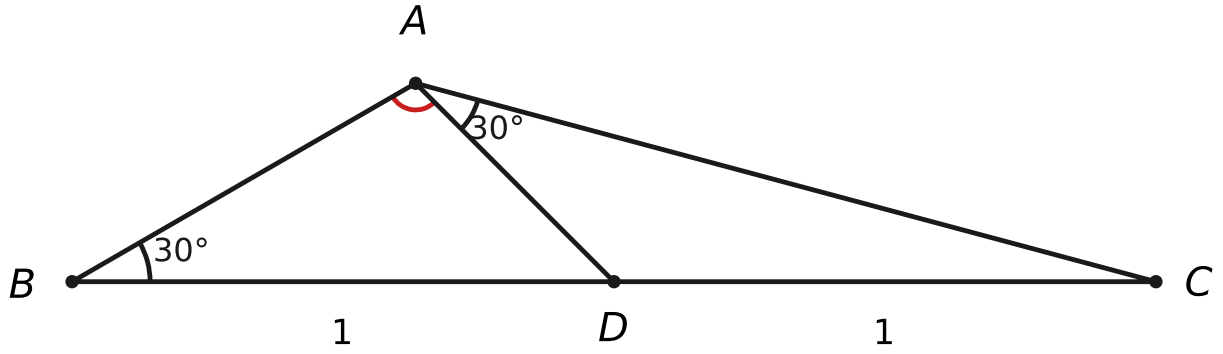
Cevap: $\angle DAC = 30^\circ$

$(k_1 = 1, N = 3)$ ailesi

Soru 3.4

$BD : DC = 1 : 1$, $\angle ABC = 30^\circ$, $\angle DAC = 30^\circ$.

$\angle BAD = ?$

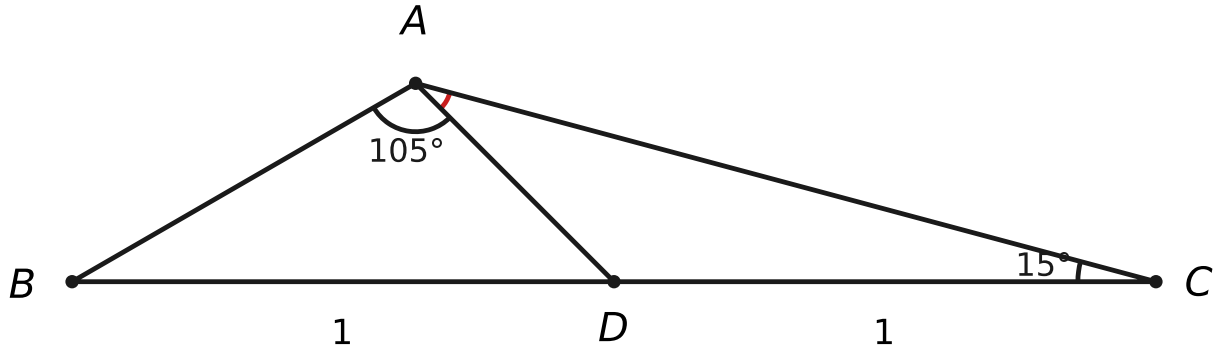


Cevap: $\angle BAD = 105^\circ$

($k_1 = 1$, $N = 3$) ailesi

Soru 3.5

$BD : DC = 1 : 1$, $\angle ACB = 15^\circ$, $\angle BAD = 105^\circ$.
 $\angle DAC = ?$



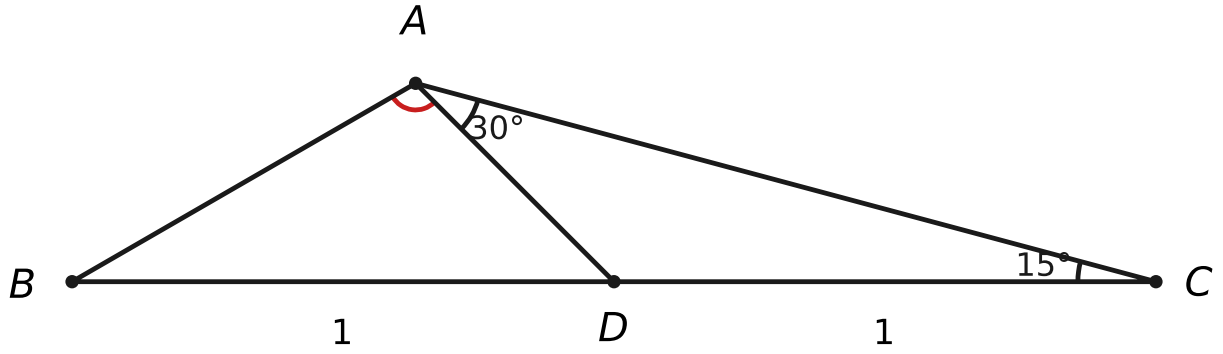
Cevap: $\angle DAC = 30^\circ$

$(k_1 = 1, N = 3)$ ailesi

Soru 3.6

$BD : DC = 1 : 1$, $\angle ACB = 15^\circ$, $\angle DAC = 30^\circ$.

$\angle BAD = ?$



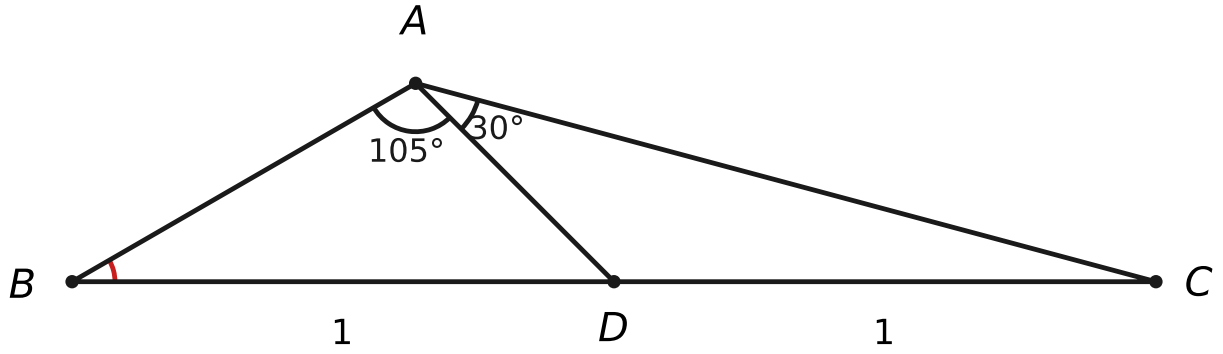
Cevap: $\angle BAD = 105^\circ$

$(k_1 = 1, N = 3)$ ailesi

Soru 3.7

$BD : DC = 1 : 1$, $\angle BAD = 105^\circ$, $\angle DAC = 30^\circ$.

$\angle ABC = ?$



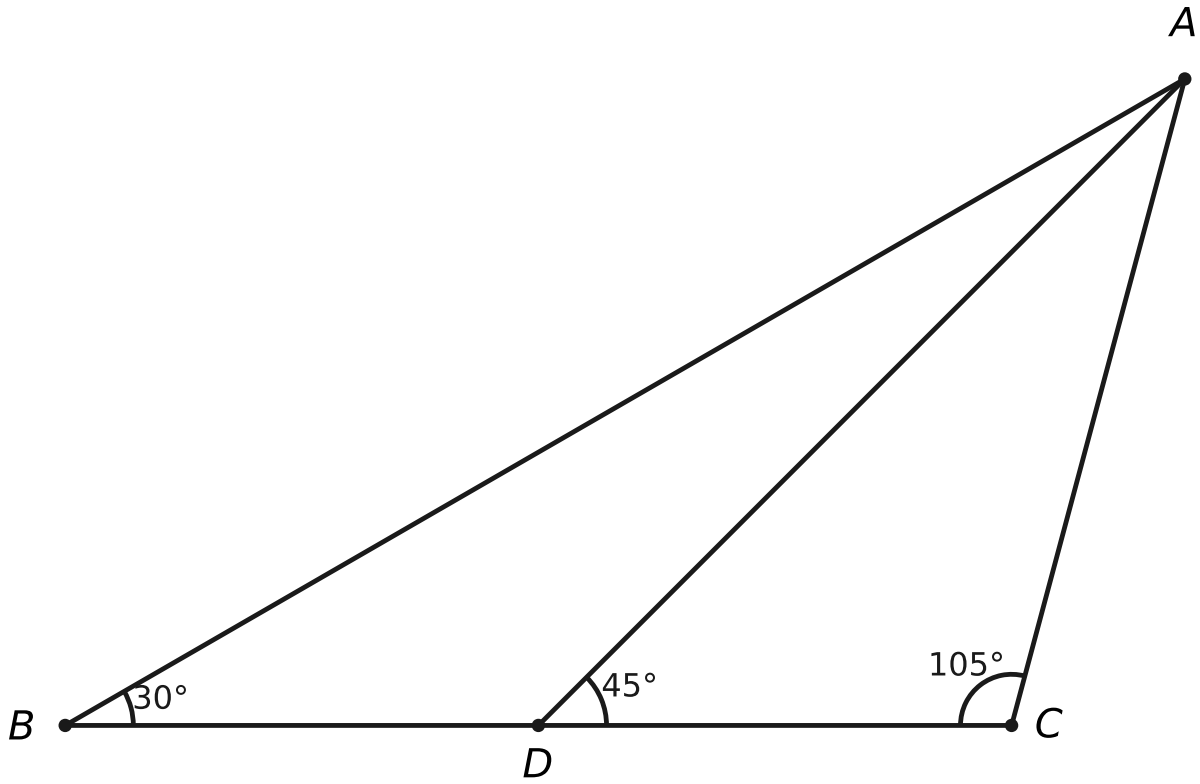
Cevap: $\angle ABC = 30^\circ$

($k_1 = 1$, $N = 4$) ailesi

Soru 4.0

$\angle ABC = 30^\circ$, $\angle ACB = 105^\circ$, $\angle ADC = 45^\circ$.

$BD : DC = ?$



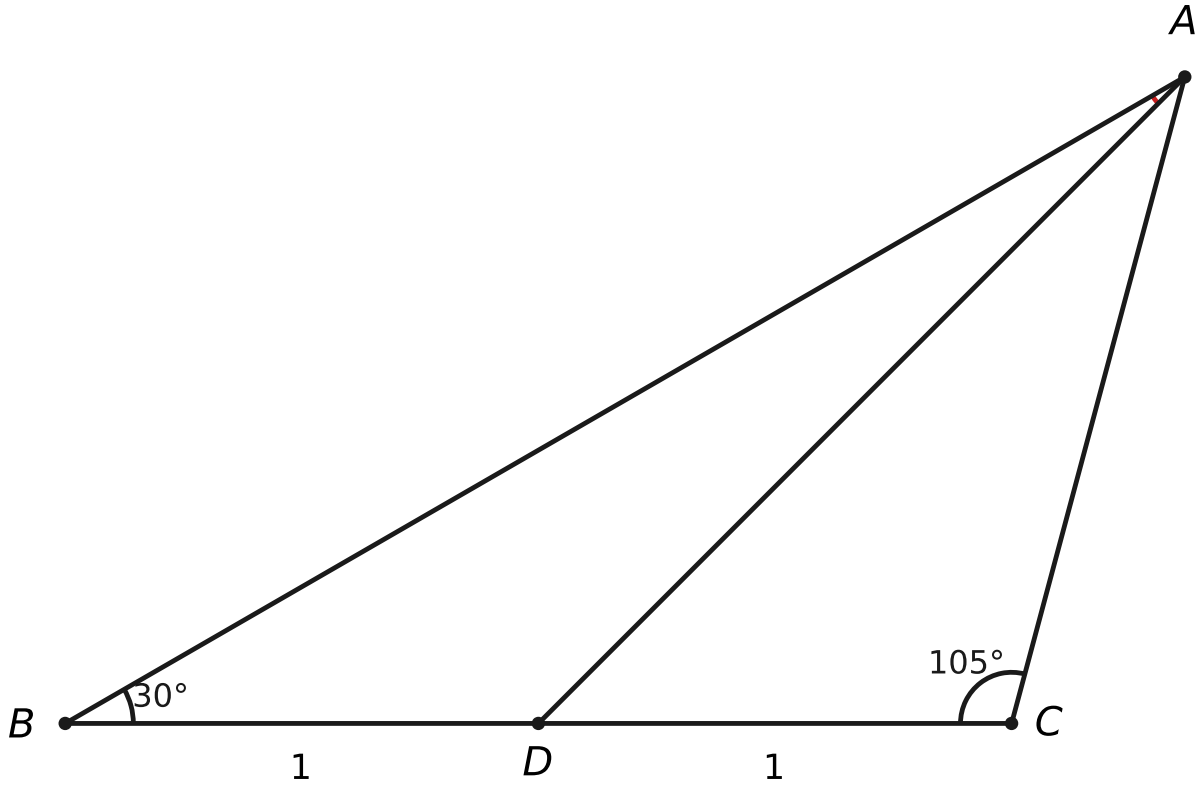
Cevap: $BD : DC = 1 : 1$

($k_1 = 1$, $N = 4$) ailesi

Soru 4.1

$BD : DC = 1 : 1$, $\angle ABC = 30^\circ$, $\angle ACB = 105^\circ$.

$\angle BAD = ?$



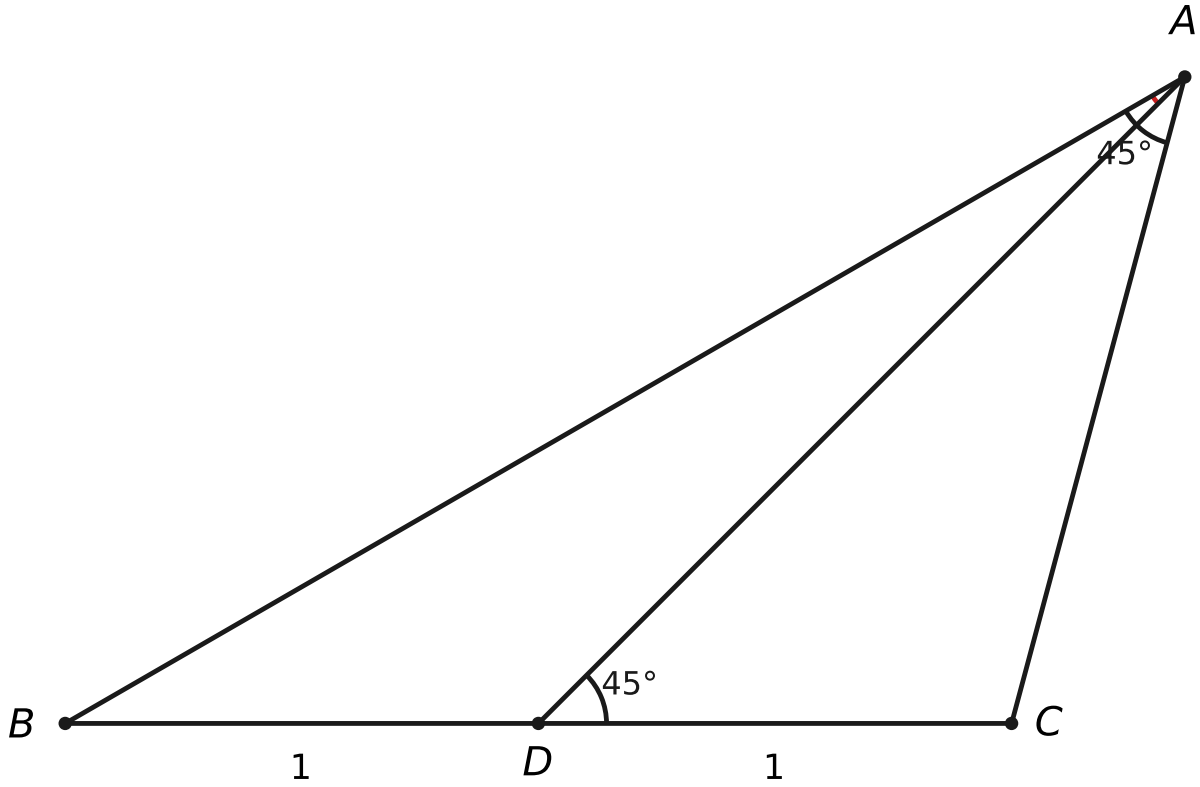
Cevap: $\angle BAD = 15^\circ$

($k_1 = 1$, $N = 4$) ailesi

Soru 4.2

$BD : DC = 1 : 1$, $\angle BAC = 45^\circ$, $\angle ADC = 45^\circ$.

$\angle BAD = ?$



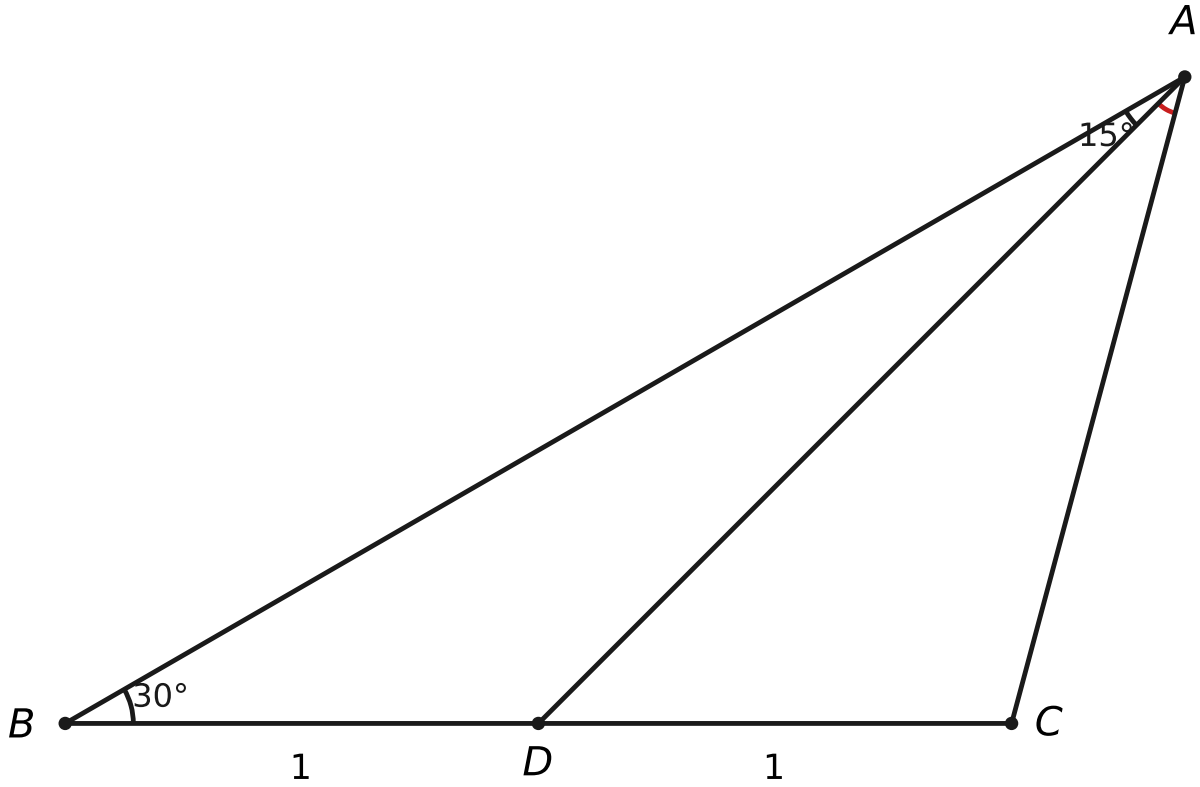
Cevap: $\angle BAD = 15^\circ$

($k_1 = 1$, $N = 4$) ailesi

Soru 4.3

$BD : DC = 1 : 1$, $\angle ABC = 30^\circ$, $\angle BAD = 15^\circ$.

$\angle DAC = ?$



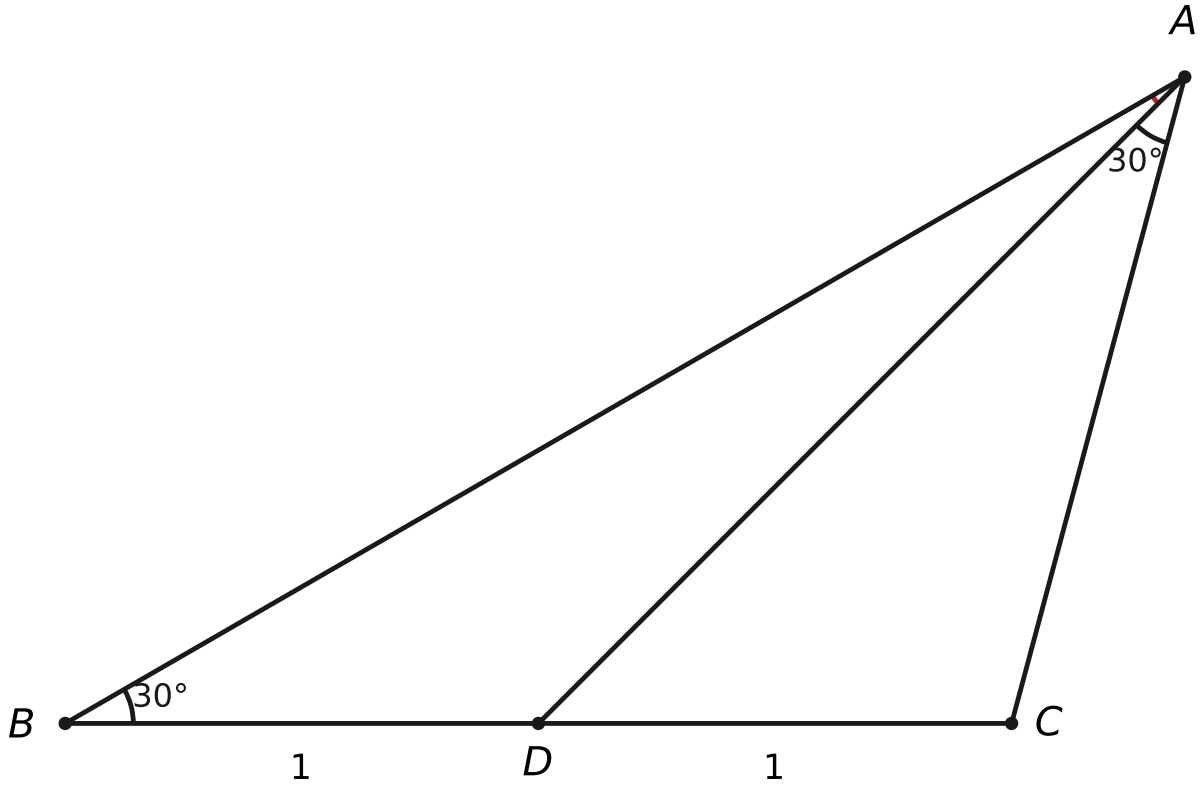
Cevap: $\angle DAC = 30^\circ$

($k_1 = 1$, $N = 4$) ailesi

Soru 4.4

$BD : DC = 1 : 1$, $\angle ABC = 30^\circ$, $\angle DAC = 30^\circ$.

$\angle BAD = ?$



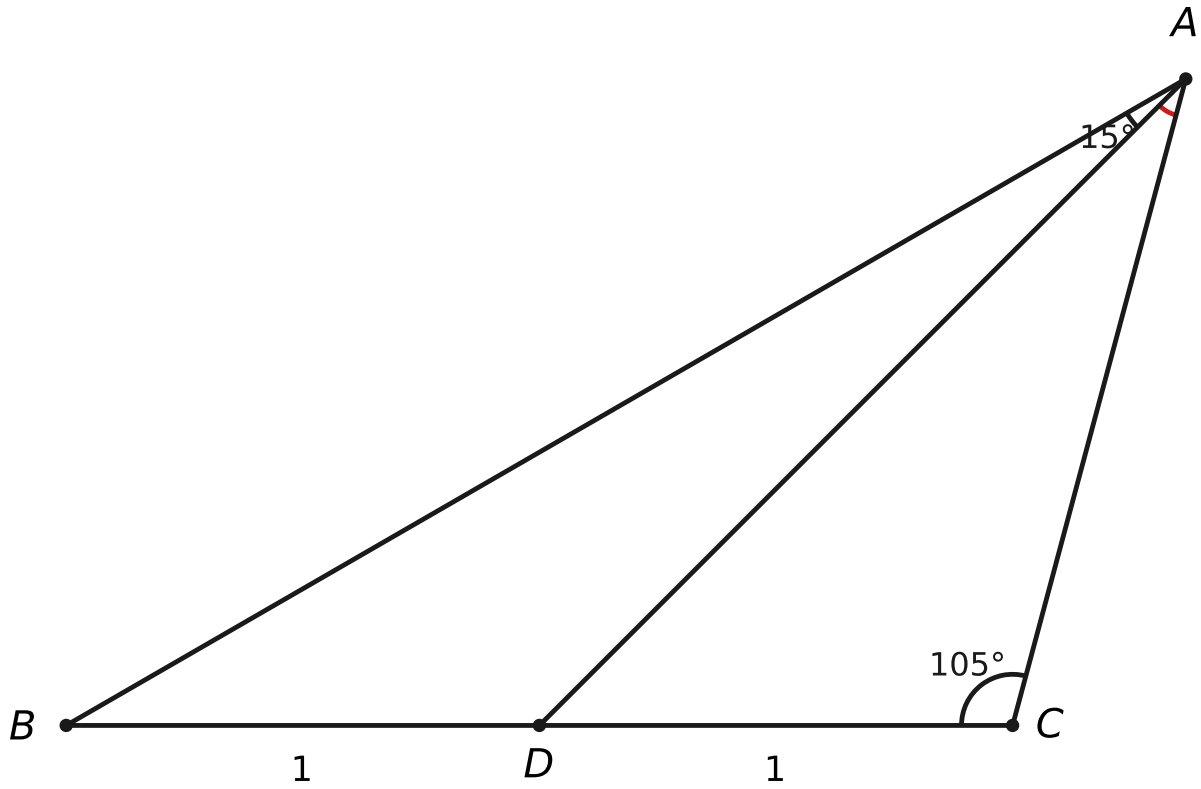
Cevap: $\angle BAD = 15^\circ$

($k_1 = 1$, $N = 4$) ailesi

Soru 4.5

$BD : DC = 1 : 1$, $\angle ACB = 105^\circ$, $\angle BAD = 15^\circ$.

$\angle DAC = ?$



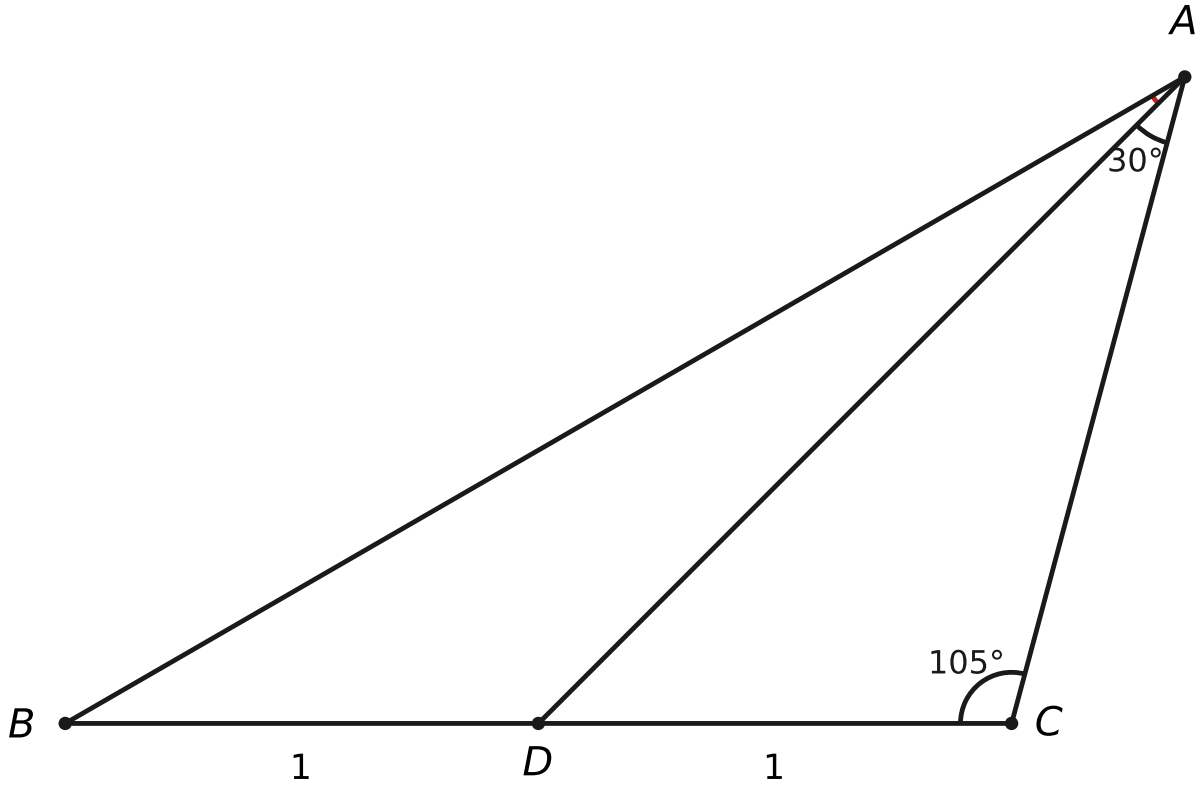
Cevap: $\angle DAC = 30^\circ$

($k_1 = 1$, $N = 4$) ailesi

Soru 4.6

$BD : DC = 1 : 1$, $\angle ACB = 105^\circ$, $\angle DAC = 30^\circ$.

$\angle BAD = ?$



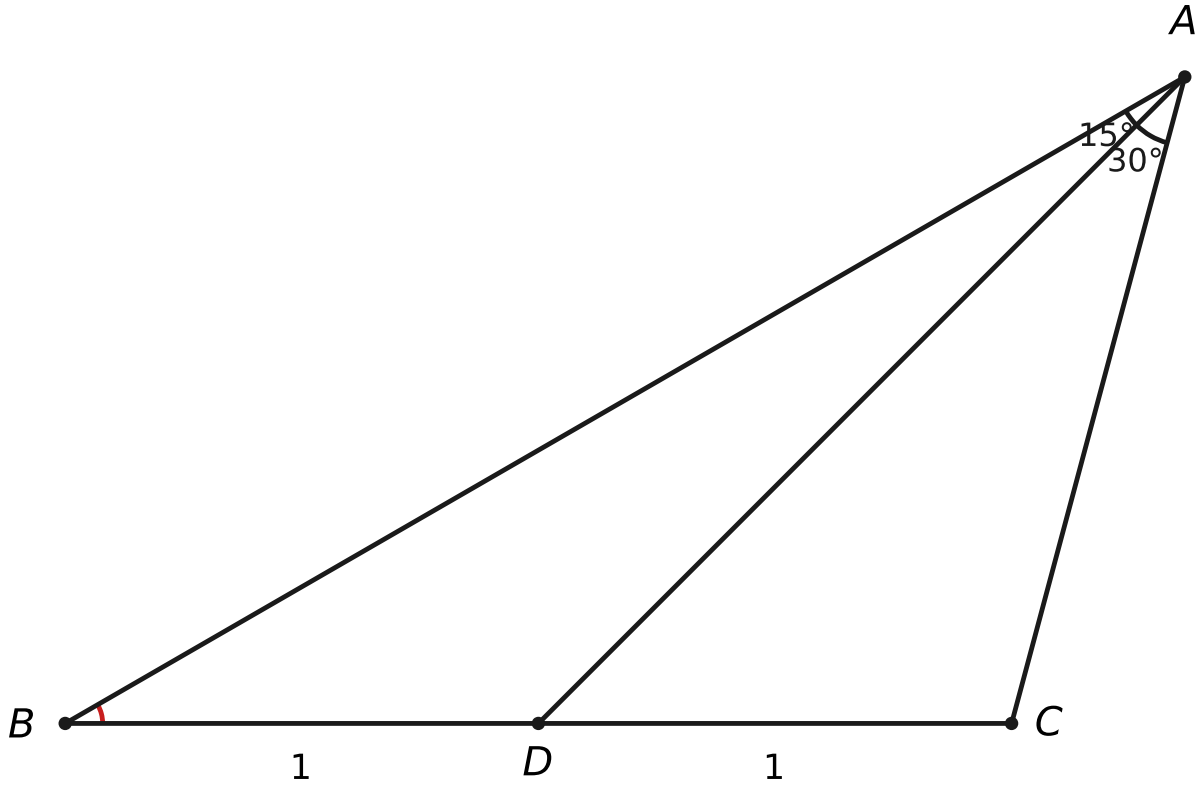
Cevap: $\angle BAD = 15^\circ$

($k_1 = 1$, $N = 4$) ailesi

Soru 4.7

$BD : DC = 1 : 1$, $\angle BAD = 15^\circ$, $\angle DAC = 30^\circ$.

$\angle ABC = ?$



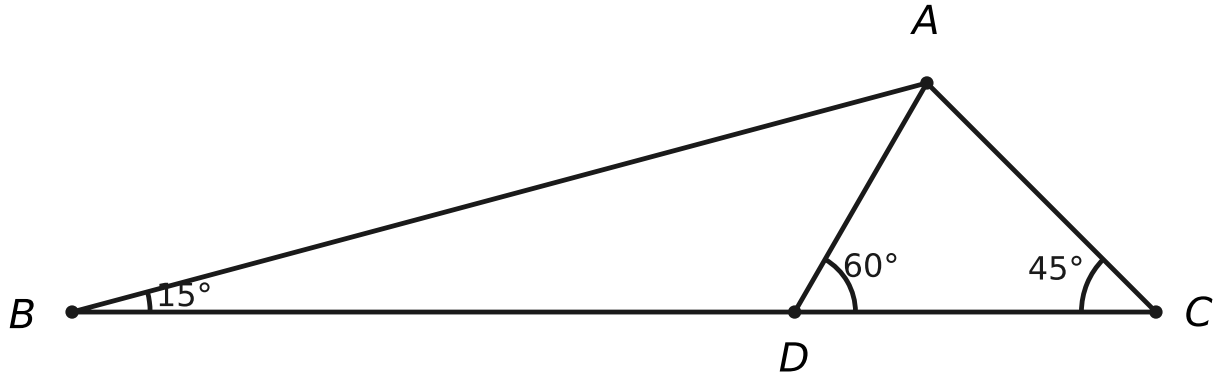
Cevap: $\angle ABC = 30^\circ$

($k_1 = 2$, $N = 1$) ailesi

Soru 1.0

$\angle ABC = 15^\circ$, $\angle ACB = 45^\circ$, $\angle ADC = 60^\circ$.

BD : DC = ?



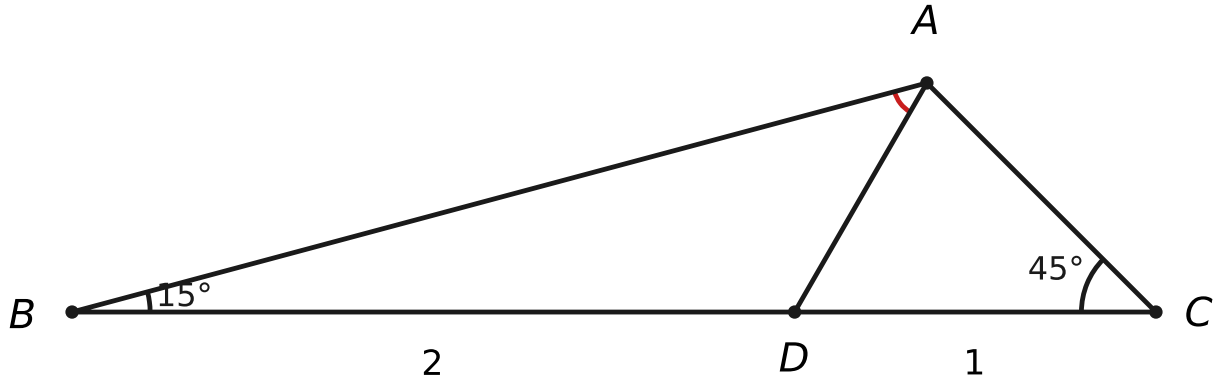
Cevap: BD : DC = 2 : 1

$(k_1 = 2, N = 1)$ ailesi

Soru 1.1

$BD : DC = 2 : 1$, $\angle ABC = 15^\circ$, $\angle ACB = 45^\circ$.

$\angle BAD = ?$



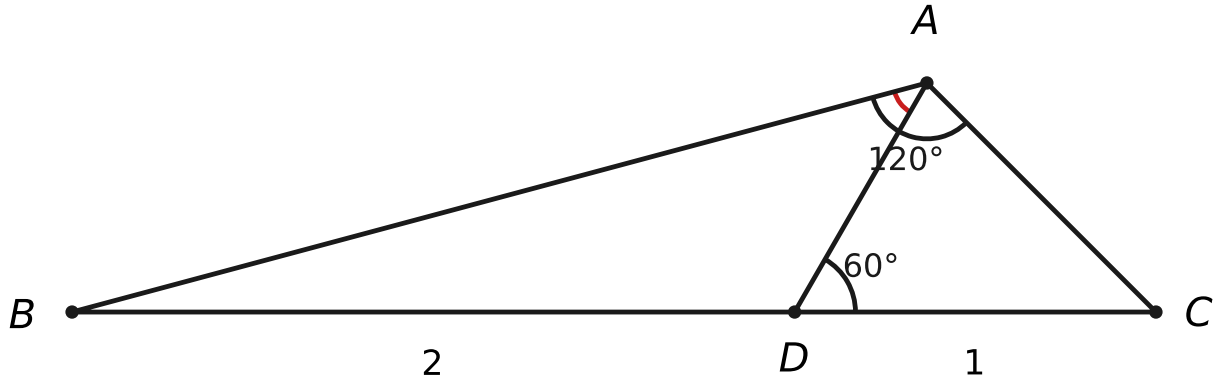
Cevap: $\angle BAD = 45^\circ$

$(k_1 = 2, N = 1)$ ailesi

Soru 1.2

$BD : DC = 2 : 1$, $\angle BAC = 120^\circ$, $\angle ADC = 60^\circ$.

$\angle BAD = ?$



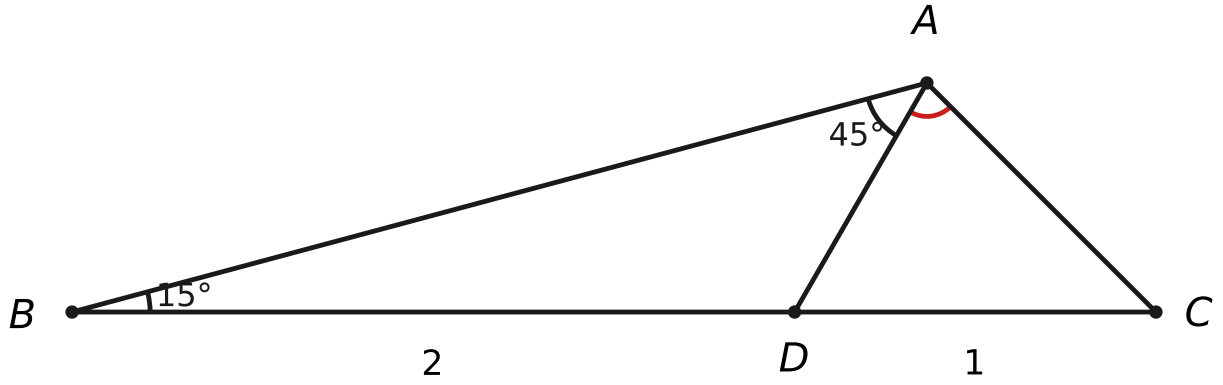
Cevap: $\angle BAD = 45^\circ$

($k_1 = 2$, $N = 1$) ailesi

Soru 1.3

$BD : DC = 2 : 1$, $\angle ABC = 15^\circ$, $\angle BAD = 45^\circ$.

$\angle DAC = ?$



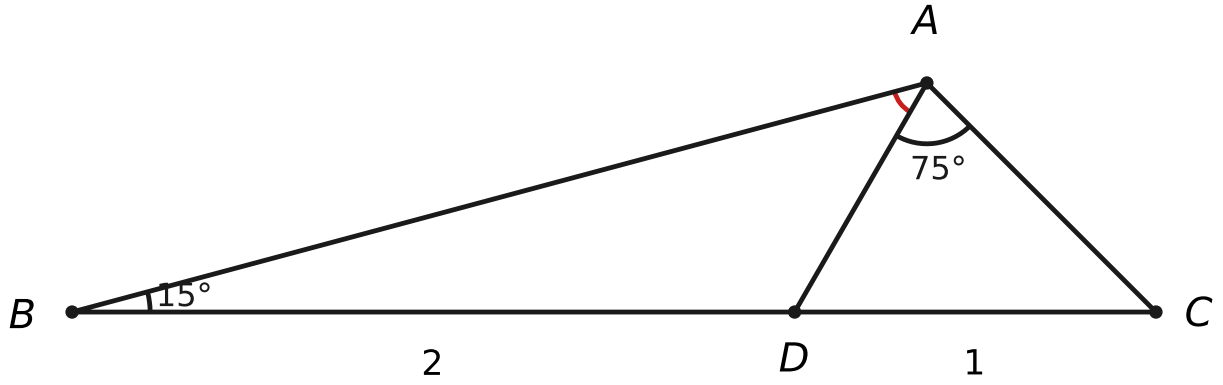
Cevap: $\angle DAC = 75^\circ$

($k_1 = 2$, $N = 1$) ailesi

Soru 1.4

$BD : DC = 2 : 1$, $\angle ABC = 15^\circ$, $\angle DAC = 75^\circ$.

$\angle BAD = ?$



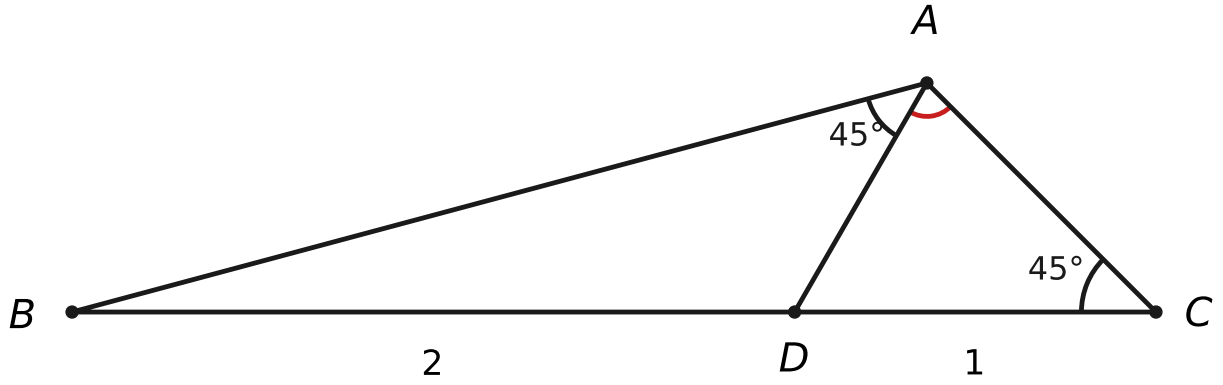
Cevap: $\angle BAD = 45^\circ$

($k_1 = 2$, $N = 1$) ailesi

Soru 1.5

$BD : DC = 2 : 1$, $\angle ACB = 45^\circ$, $\angle BAD = 45^\circ$.

$\angle DAC = ?$



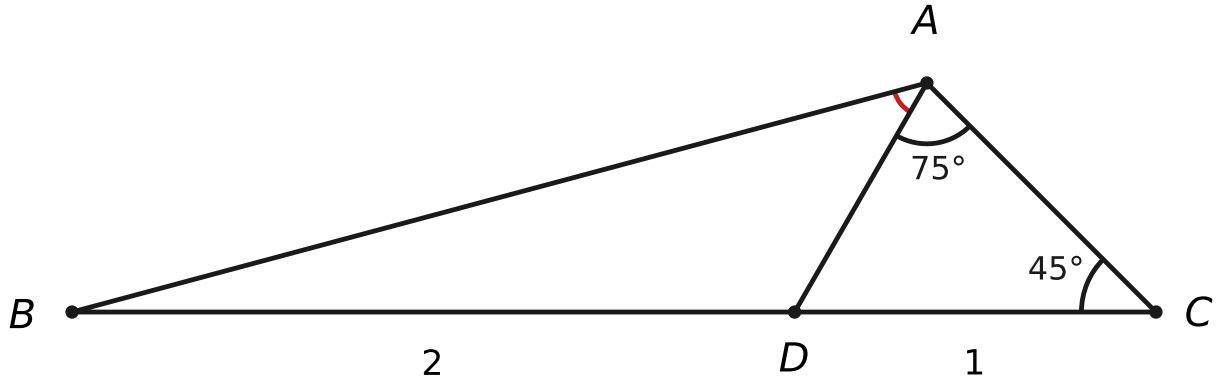
Cevap: $\angle DAC = 75^\circ$

($k_1 = 2$, $N = 1$) ailesi

Soru 1.6

$BD : DC = 2 : 1$, $\angle ACB = 45^\circ$, $\angle DAC = 75^\circ$.

$\angle BAD = ?$



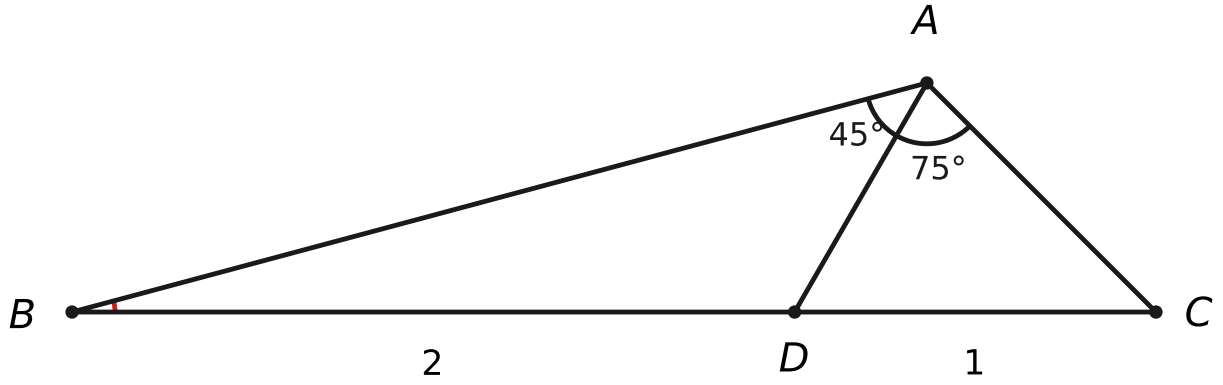
Cevap: $\angle BAD = 45^\circ$

($k_1 = 2$, $N = 1$) ailesi

Soru 1.7

$BD : DC = 2 : 1$, $\angle BAD = 45^\circ$, $\angle DAC = 75^\circ$.

$\angle ABC = ?$



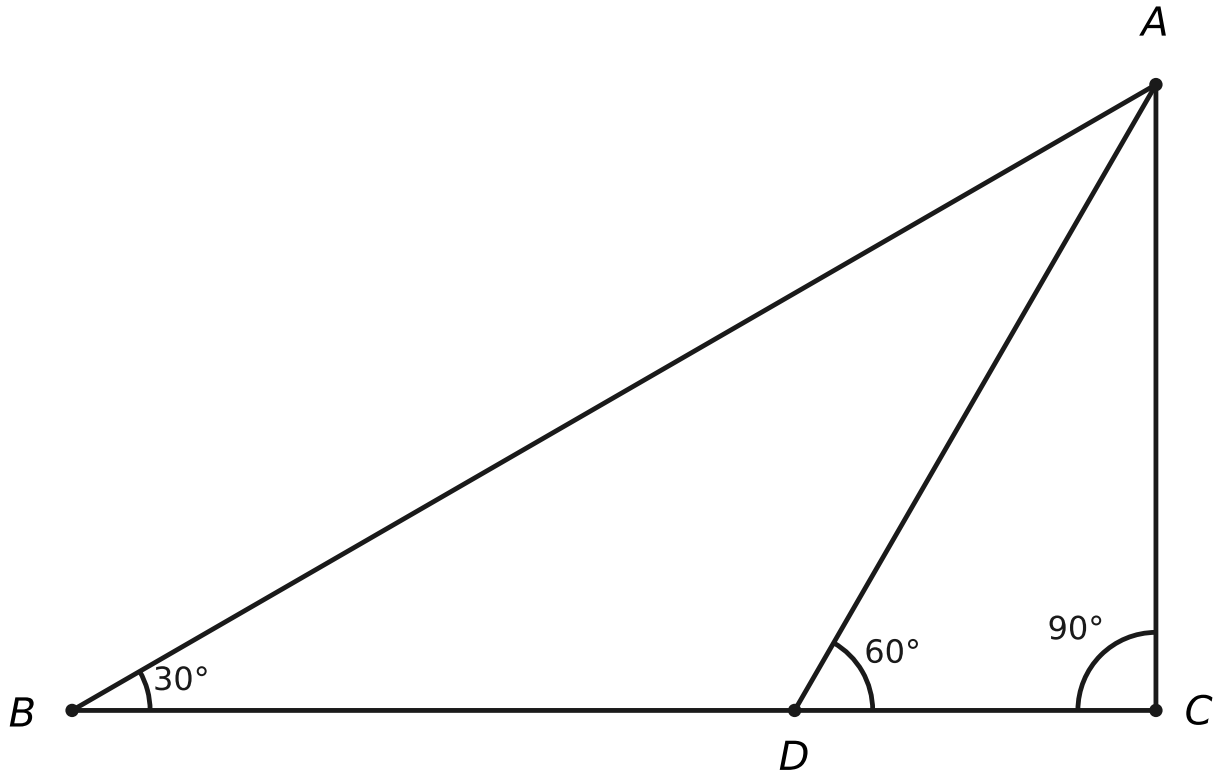
Cevap: $\angle ABC = 15^\circ$

($k_1 = 2$, $N = 2$) ailesi

Soru 2.0

$\angle ABC = 30^\circ$, $\angle ACB = 90^\circ$, $\angle ADC = 60^\circ$.

BD : DC = ?



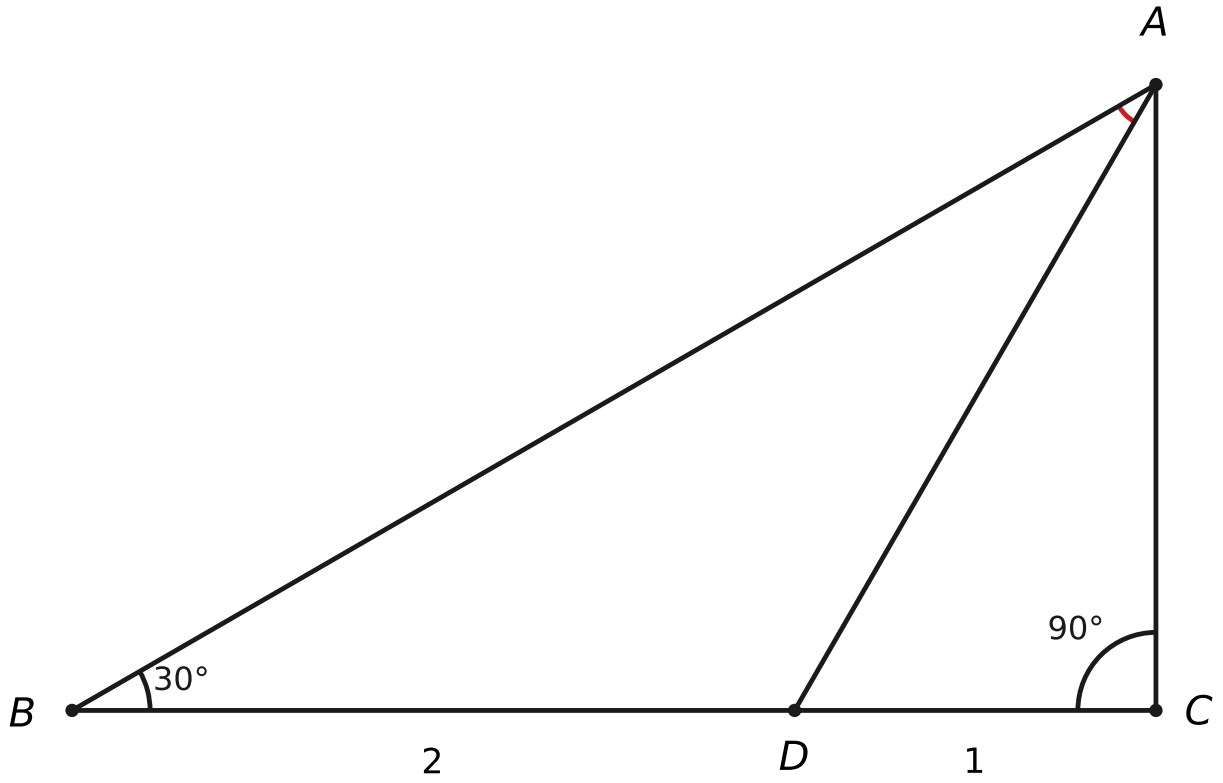
Cevap: BD : DC = 2 : 1

($k_1 = 2$, $N = 2$) ailesi

Soru 2.1

$BD : DC = 2 : 1$, $\angle ABC = 30^\circ$, $\angle ACB = 90^\circ$.

$\angle BAD = ?$



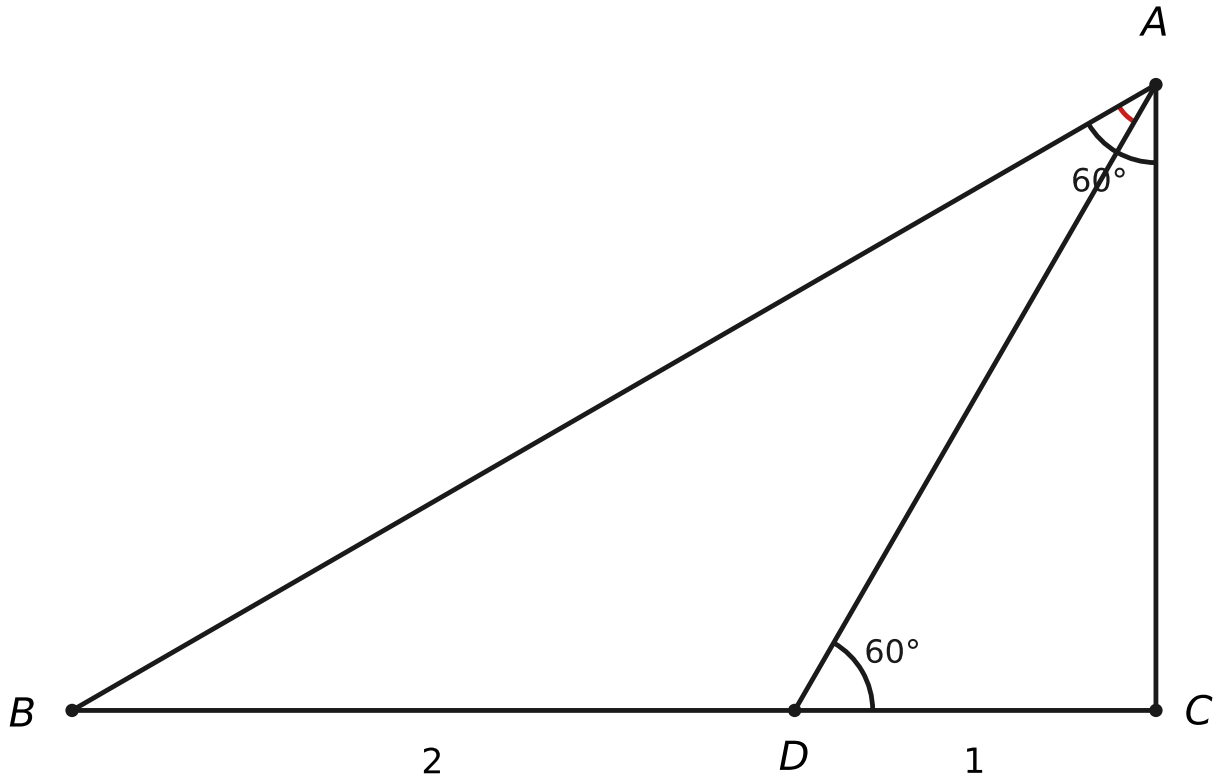
Cevap: $\angle BAD = 30^\circ$

($k_1 = 2$, $N = 2$) ailesi

Soru 2.2

$BD : DC = 2 : 1$, $\angle BAC = 60^\circ$, $\angle ADC = 60^\circ$.

$\angle BAD = ?$



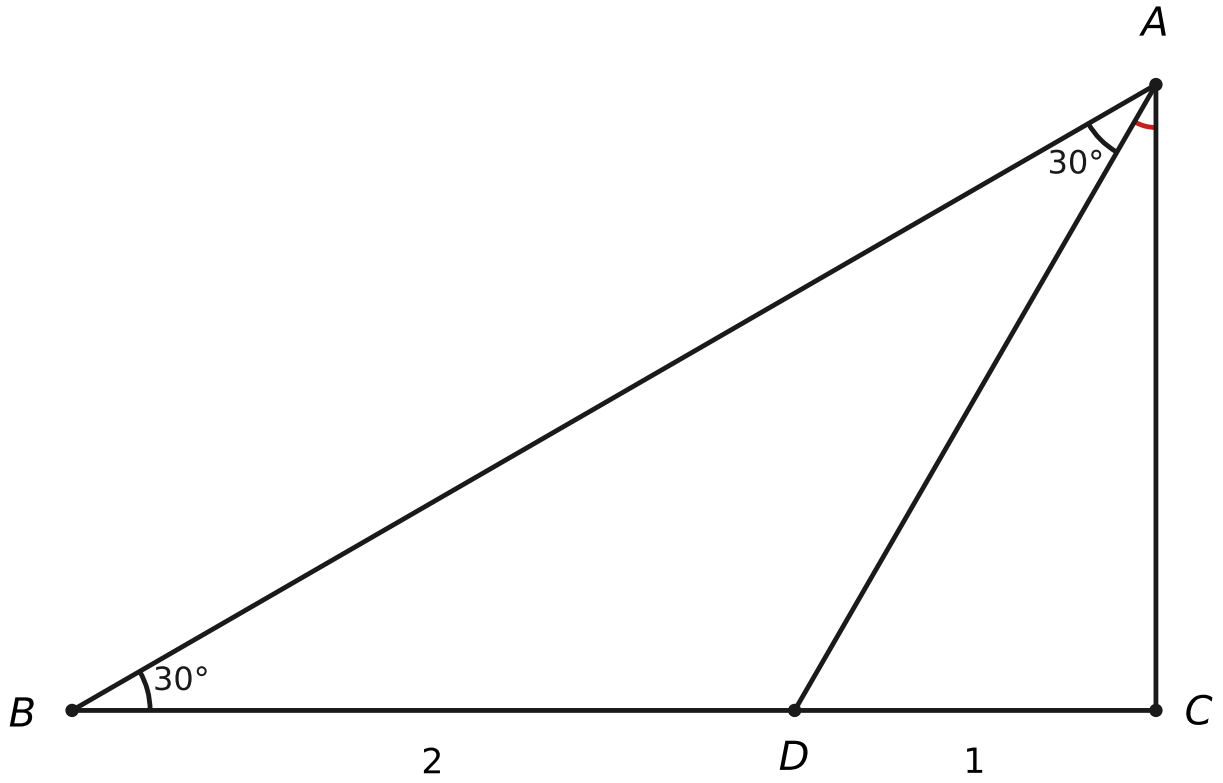
Cevap: $\angle BAD = 30^\circ$

($k_1 = 2$, $N = 2$) ailesi

Soru 2.3

$BD : DC = 2 : 1$, $\angle ABC = 30^\circ$, $\angle BAD = 30^\circ$.

$\angle DAC = ?$



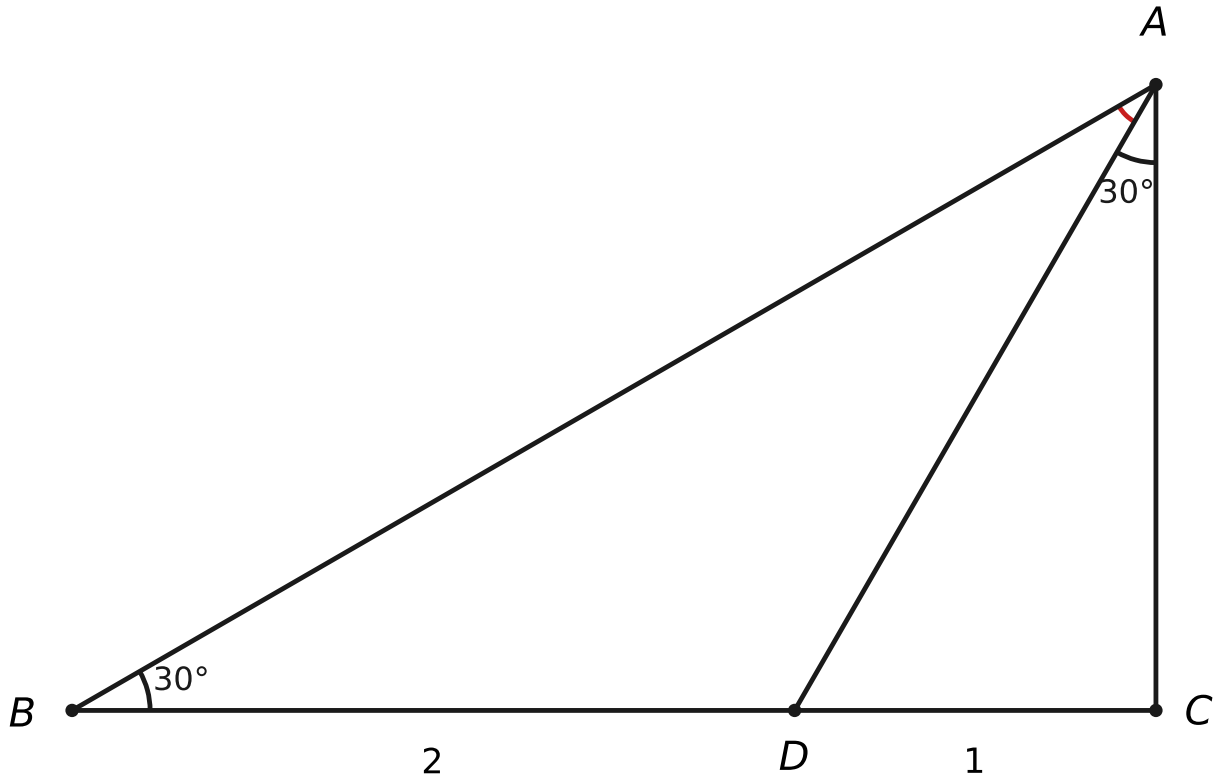
Cevap: $\angle DAC = 30^\circ$

($k_1 = 2$, $N = 2$) ailesi

Soru 2.4

$BD : DC = 2 : 1$, $\angle ABC = 30^\circ$, $\angle DAC = 30^\circ$.

$\angle BAD = ?$



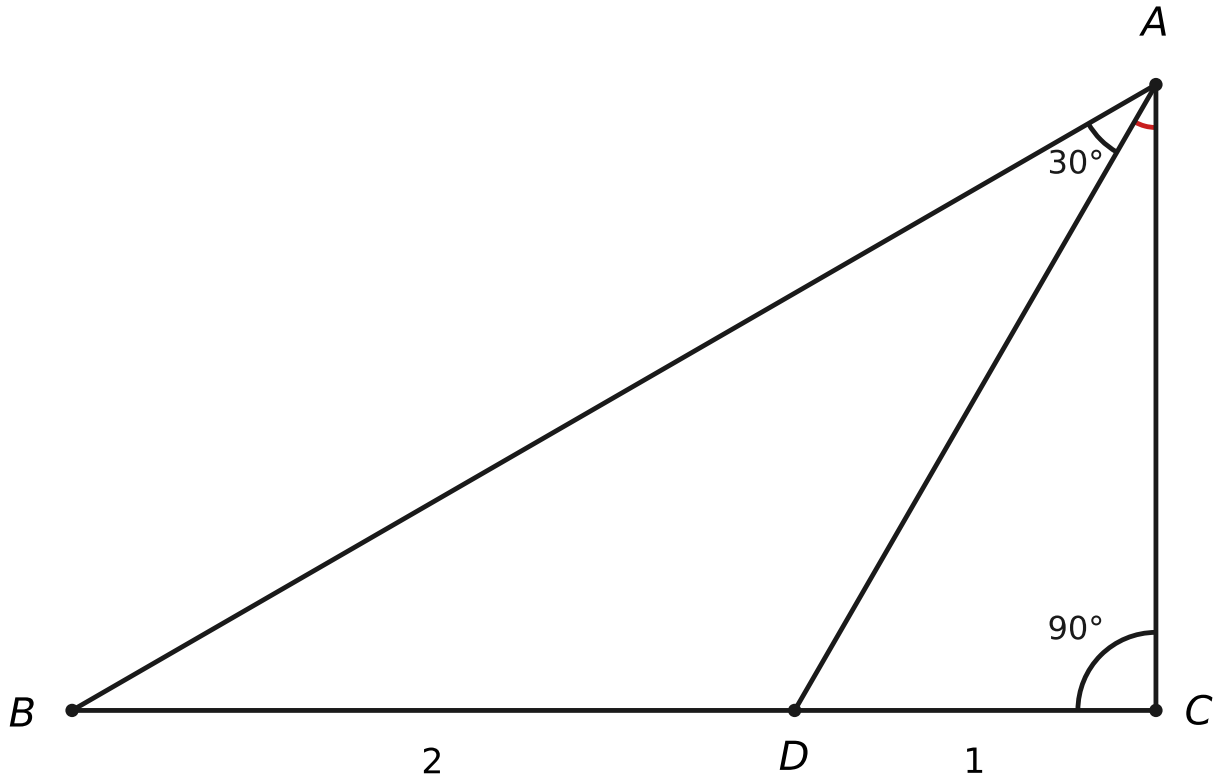
Cevap: $\angle BAD = 30^\circ$

($k_1 = 2$, $N = 2$) ailesi

Soru 2.5

$BD : DC = 2 : 1$, $\angle ACB = 90^\circ$, $\angle BAD = 30^\circ$.

$\angle DAC = ?$



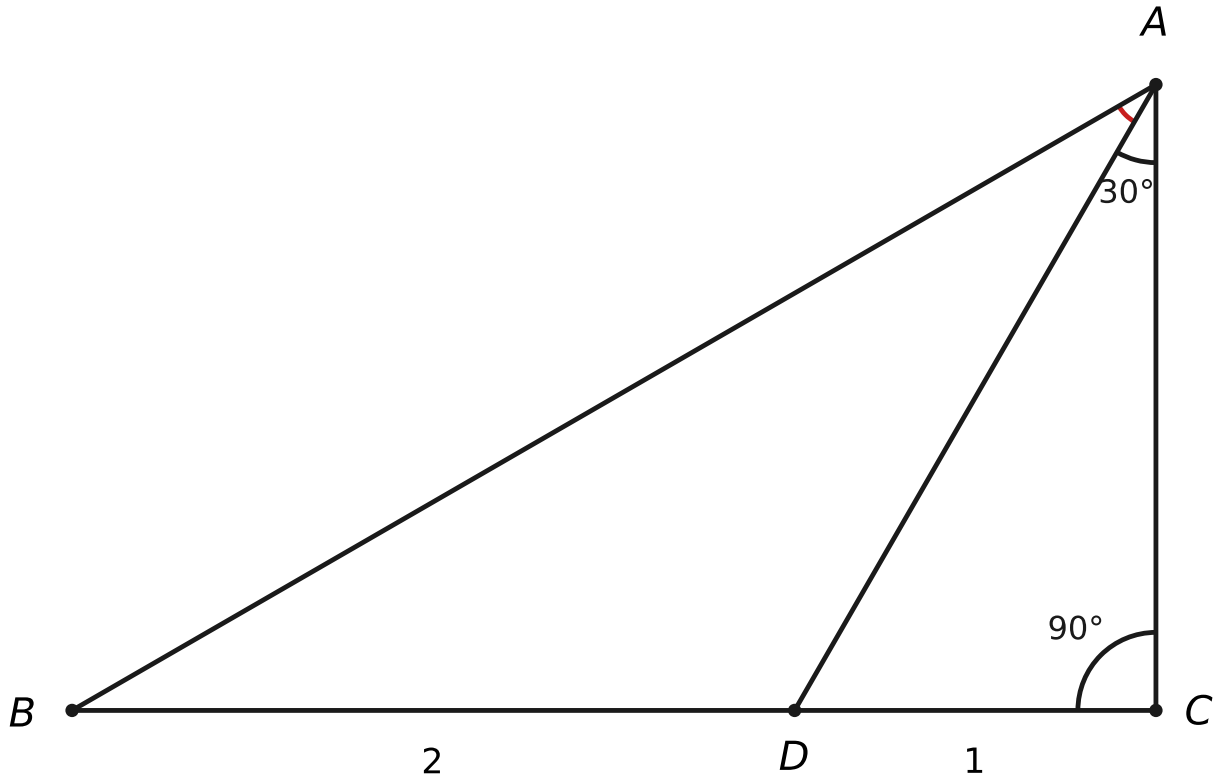
Cevap: $\angle DAC = 30^\circ$

($k_1 = 2$, $N = 2$) ailesi

Soru 2.6

$BD : DC = 2 : 1$, $\angle ACB = 90^\circ$, $\angle DAC = 30^\circ$.

$\angle BAD = ?$



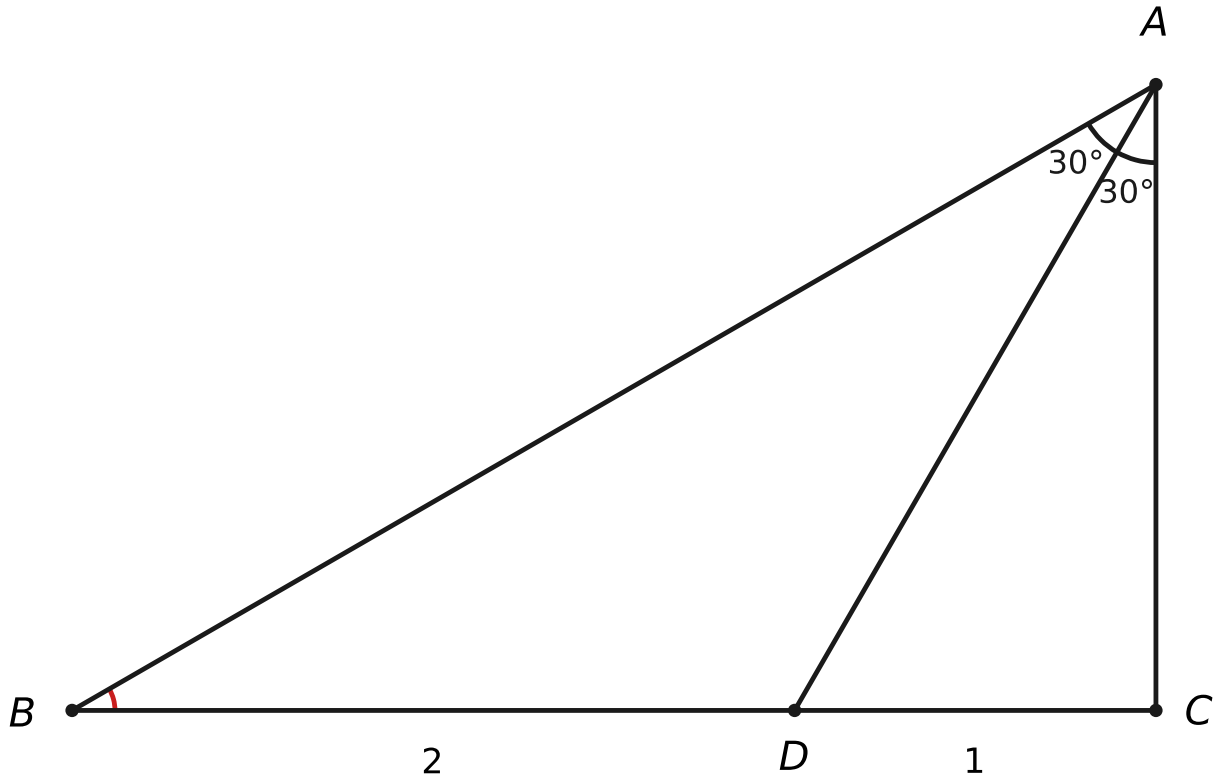
Cevap: $\angle BAD = 30^\circ$

($k_1 = 2$, $N = 2$) ailesi

Soru 2.7

$BD : DC = 2 : 1$, $\angle BAD = 30^\circ$, $\angle DAC = 30^\circ$.

$\angle ABC = ?$



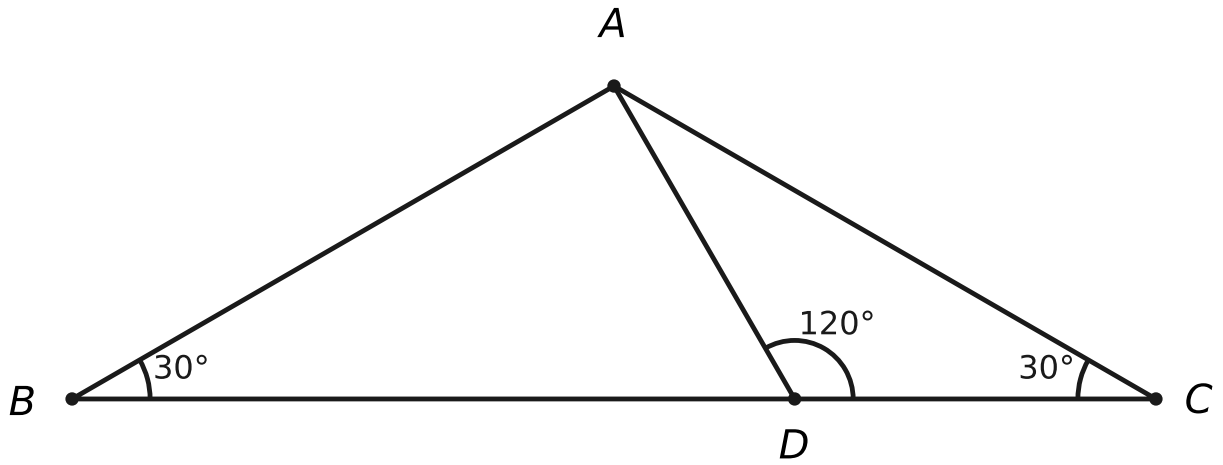
Cevap: $\angle ABC = 30^\circ$

$(k_1 = 2, N = 3)$ ailesi

Soru 3.0

$\angle ABC = 30^\circ$, $\angle ACB = 30^\circ$, $\angle ADC = 120^\circ$.

$BD : DC = ?$



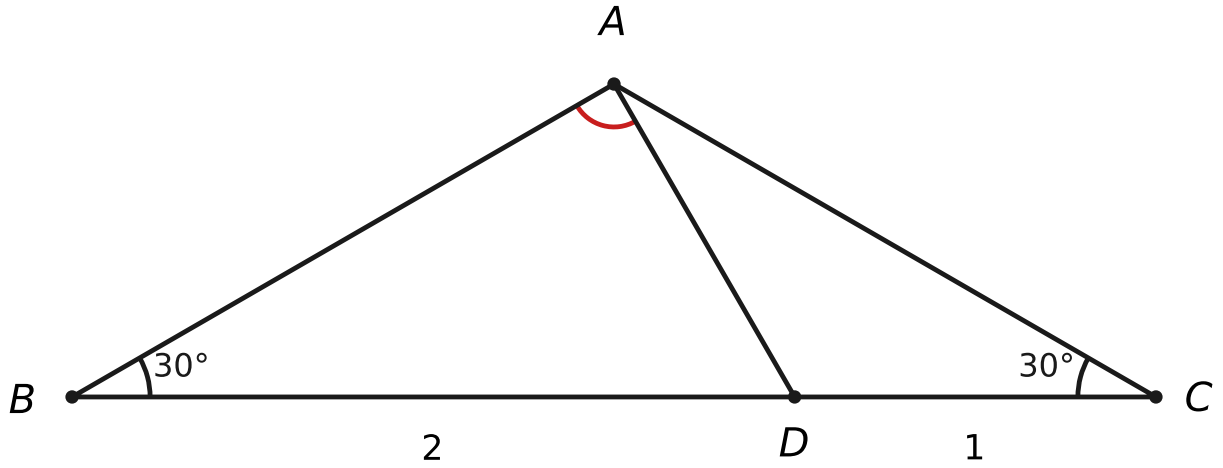
Cevap: $BD : DC = 2 : 1$

($k_1 = 2$, $N = 3$) ailesi

Soru 3.1

$BD : DC = 2 : 1$, $\angle ABC = 30^\circ$, $\angle ACB = 30^\circ$.

$\angle BAD = ?$



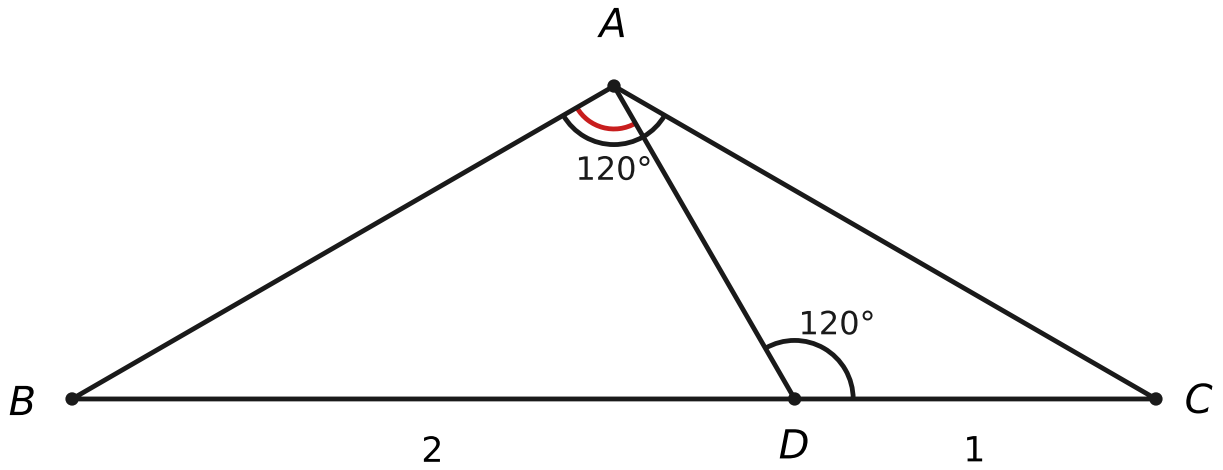
Cevap: $\angle BAD = 90^\circ$

$(k_1 = 2, N = 3)$ ailesi

Soru 3.2

$BD : DC = 2 : 1$, $\angle BAC = 120^\circ$, $\angle ADC = 120^\circ$.

$\angle BAD = ?$



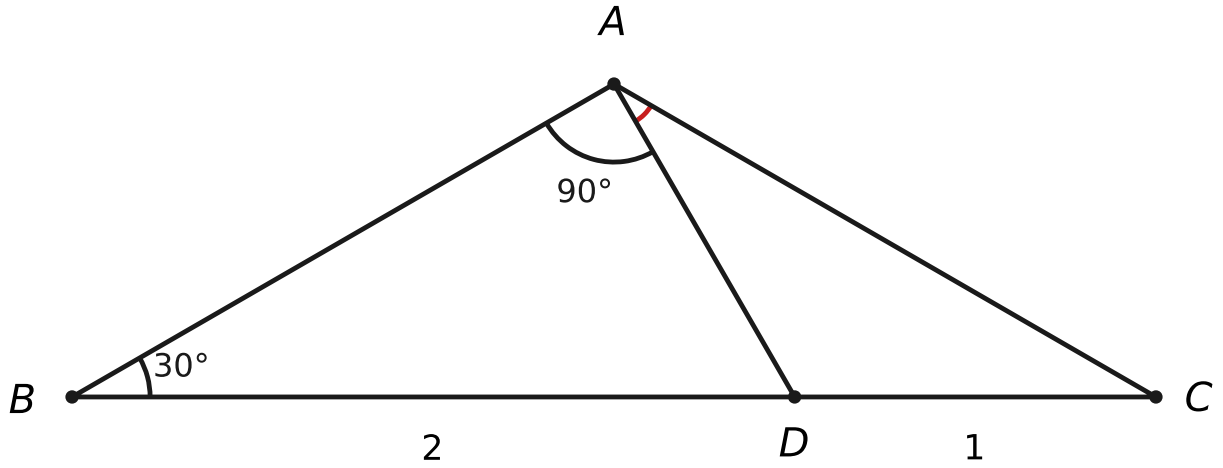
Cevap: $\angle BAD = 90^\circ$

$(k_1 = 2, N = 3)$ ailesi

Soru 3.3

$BD : DC = 2 : 1$, $\angle ABC = 30^\circ$, $\angle BAD = 90^\circ$.

$\angle DAC = ?$



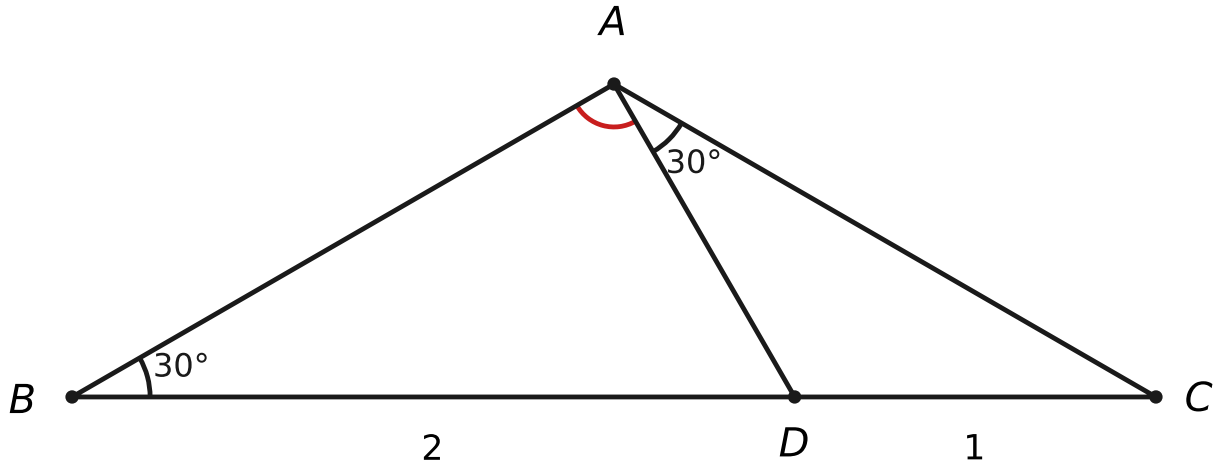
Cevap: $\angle DAC = 30^\circ$

$(k_1 = 2, N = 3)$ ailesi

Soru 3.4

$BD : DC = 2 : 1$, $\angle ABC = 30^\circ$, $\angle DAC = 30^\circ$.

$\angle BAD = ?$



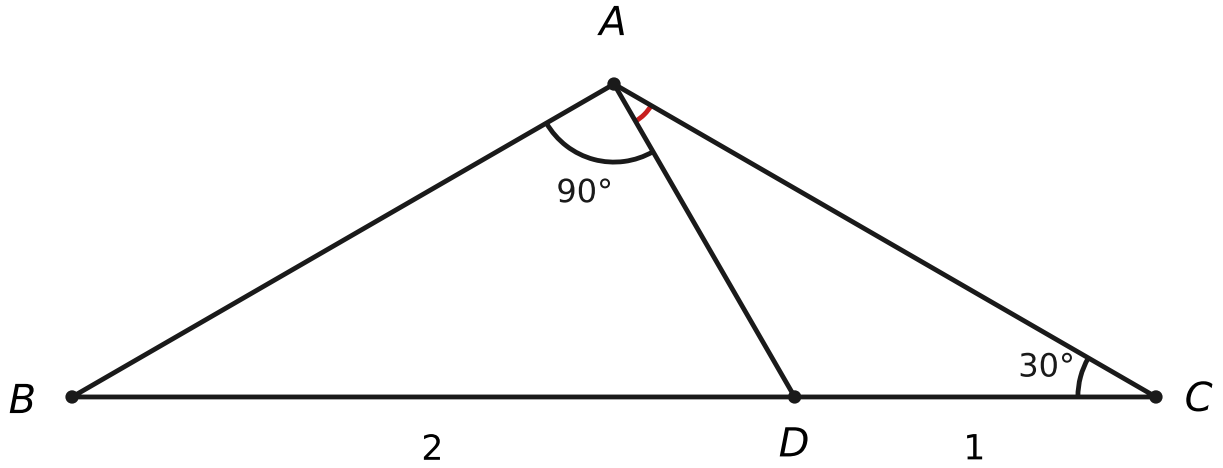
Cevap: $\angle BAD = 90^\circ$

($k_1 = 2$, $N = 3$) ailesi

Soru 3.5

$BD : DC = 2 : 1$, $\angle ACB = 30^\circ$, $\angle BAD = 90^\circ$.

$\angle DAC = ?$



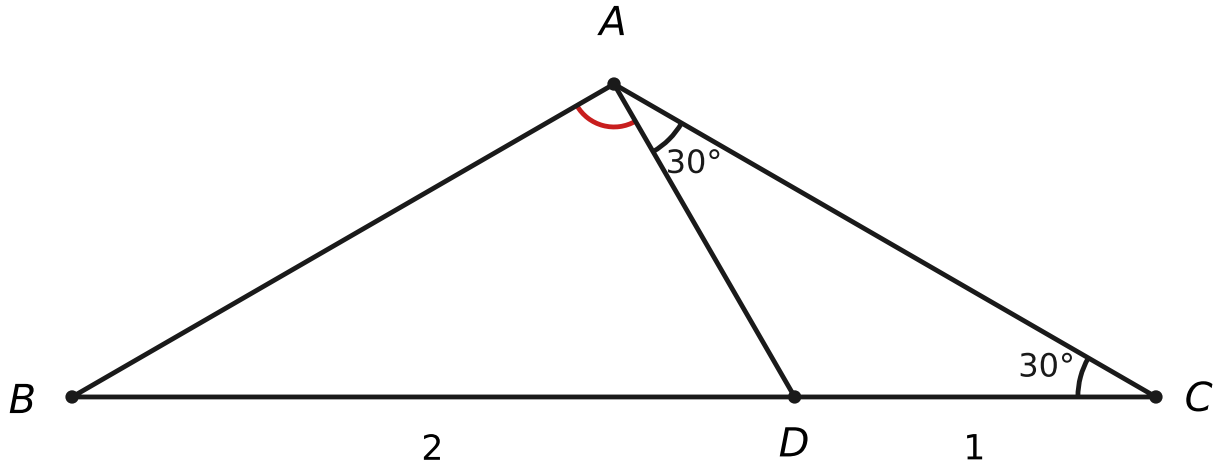
Cevap: $\angle DAC = 30^\circ$

$(k_1 = 2, N = 3)$ ailesi

Soru 3.6

$BD : DC = 2 : 1$, $\angle ACB = 30^\circ$, $\angle DAC = 30^\circ$.

$\angle BAD = ?$



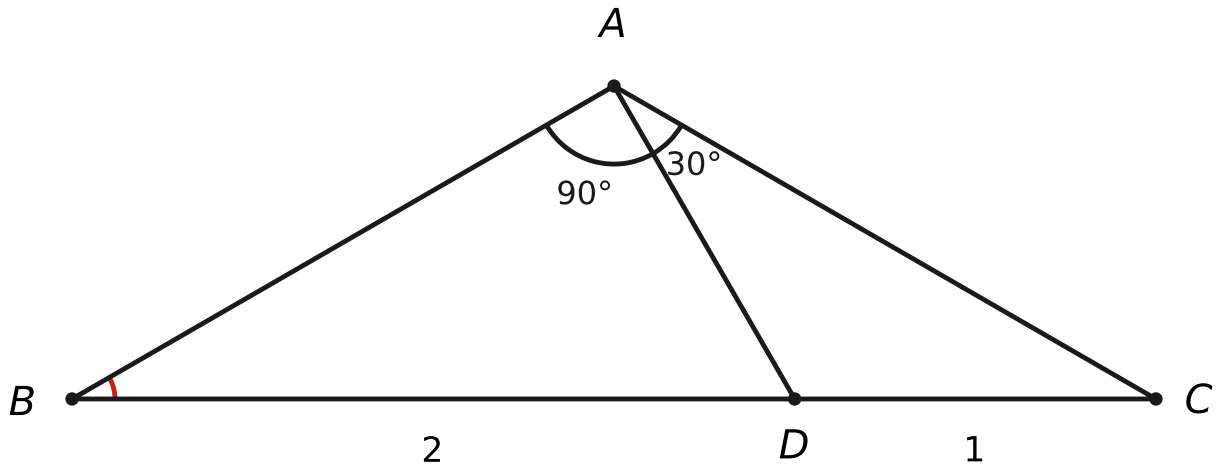
Cevap: $\angle BAD = 90^\circ$

$(k_1 = 2, N = 3)$ ailesi

Soru 3.7

$BD : DC = 2 : 1$, $\angle BAD = 90^\circ$, $\angle DAC = 30^\circ$.

$\angle ABC = ?$



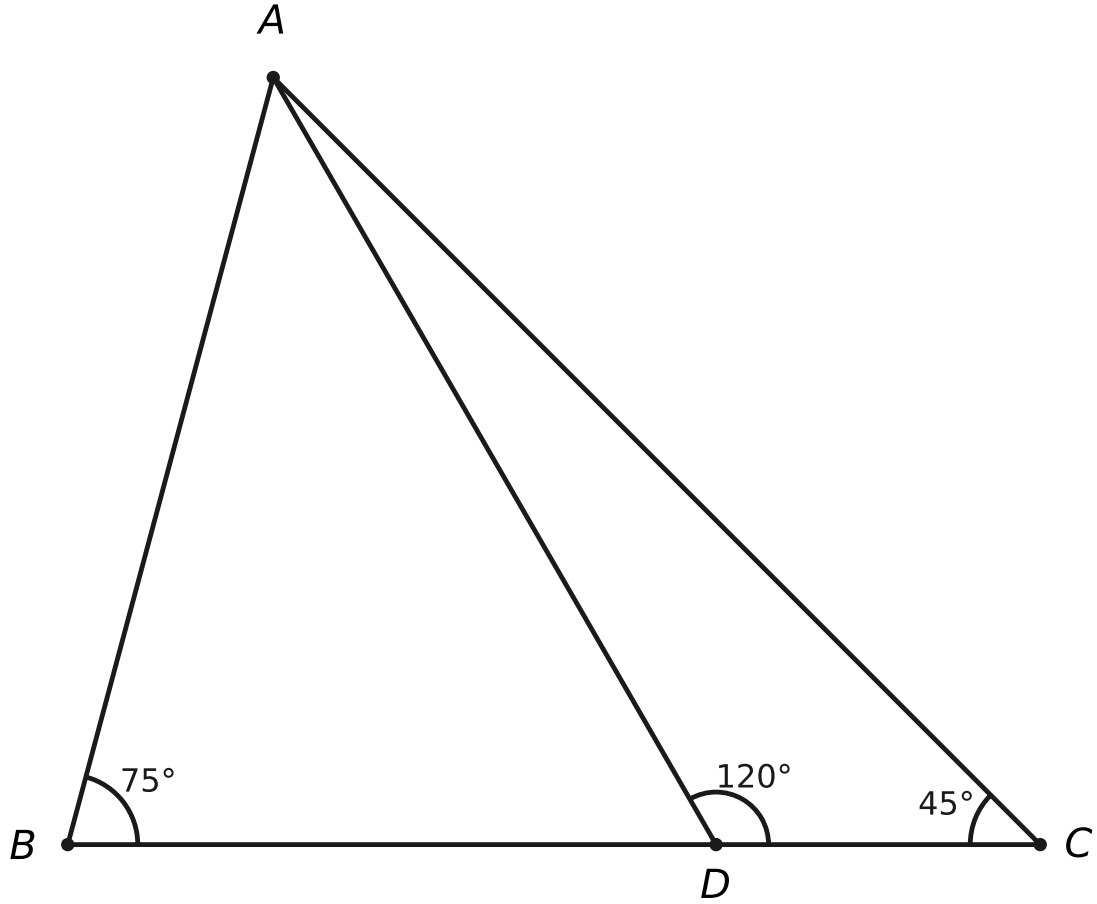
Cevap: $\angle ABC = 30^\circ$

($k_1 = 2$, $N = 4$) ailesi

Soru 4.0

$\angle ABC = 75^\circ$, $\angle ACB = 45^\circ$, $\angle ADC = 120^\circ$.

$BD : DC = ?$



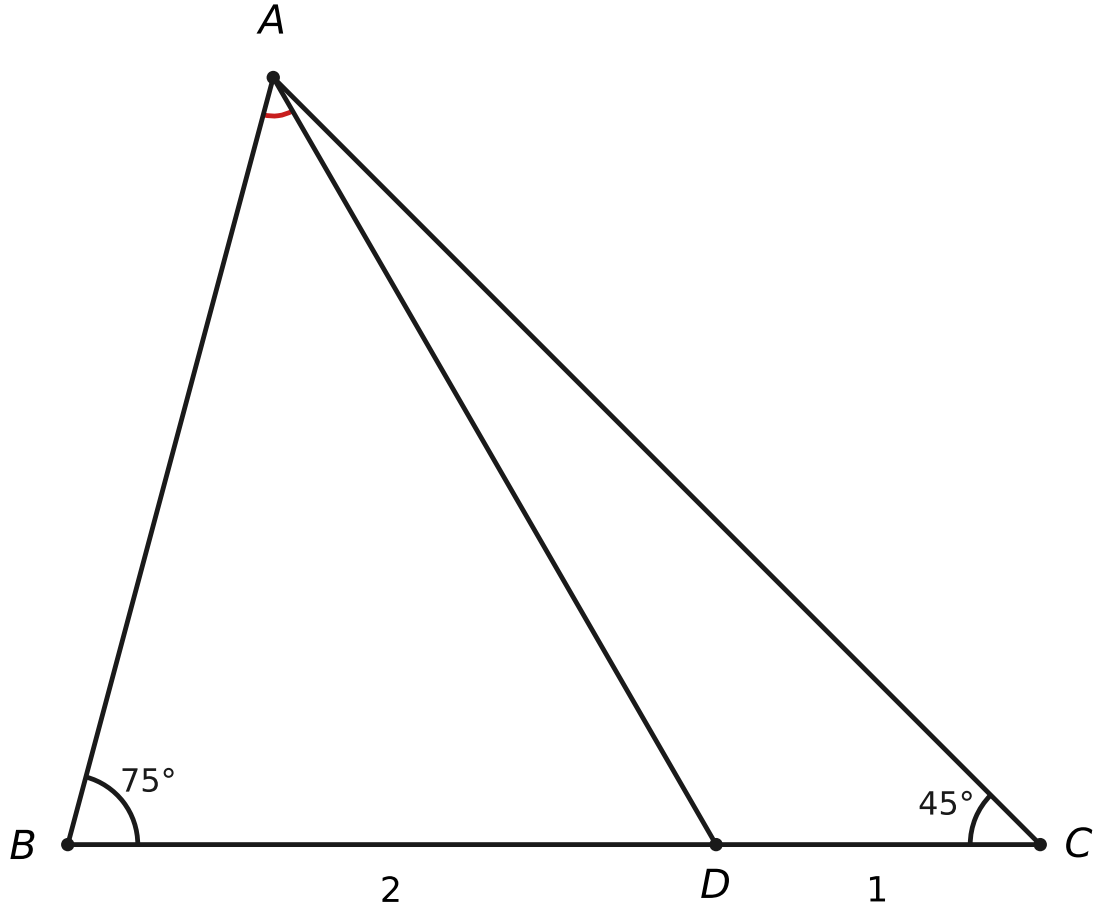
Cevap: $BD : DC = 2 : 1$

($k_1 = 2$, $N = 4$) ailesi

Soru 4.1

$BD : DC = 2 : 1$, $\angle ABC = 75^\circ$, $\angle ACB = 45^\circ$.

$\angle BAD = ?$



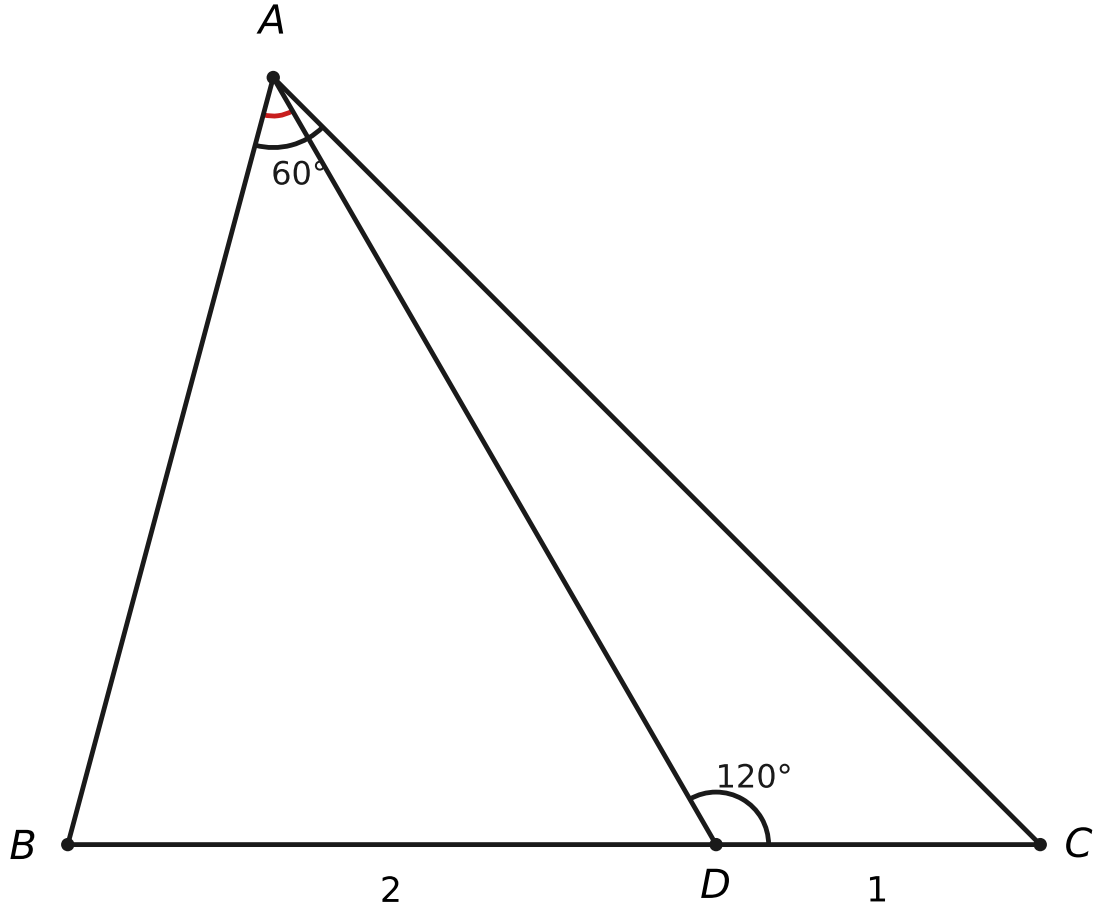
Cevap: $\angle BAD = 45^\circ$

($k_1 = 2$, $N = 4$) ailesi

Soru 4.2

$BD : DC = 2 : 1$, $\angle BAC = 60^\circ$, $\angle ADC = 120^\circ$.

$\angle BAD = ?$



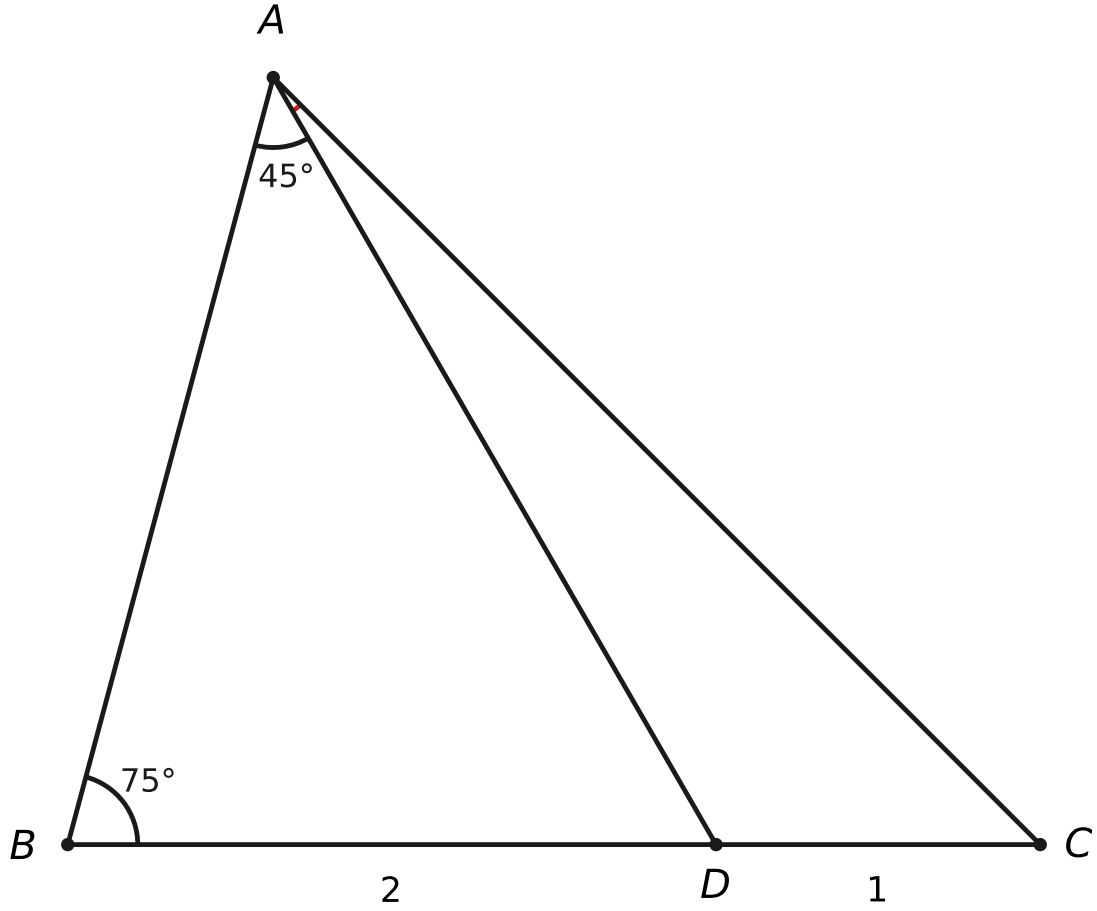
Cevap: $\angle BAD = 45^\circ$

($k_1 = 2$, $N = 4$) ailesi

Soru 4.3

$BD : DC = 2 : 1$, $\angle ABC = 75^\circ$, $\angle BAD = 45^\circ$.

$\angle DAC = ?$



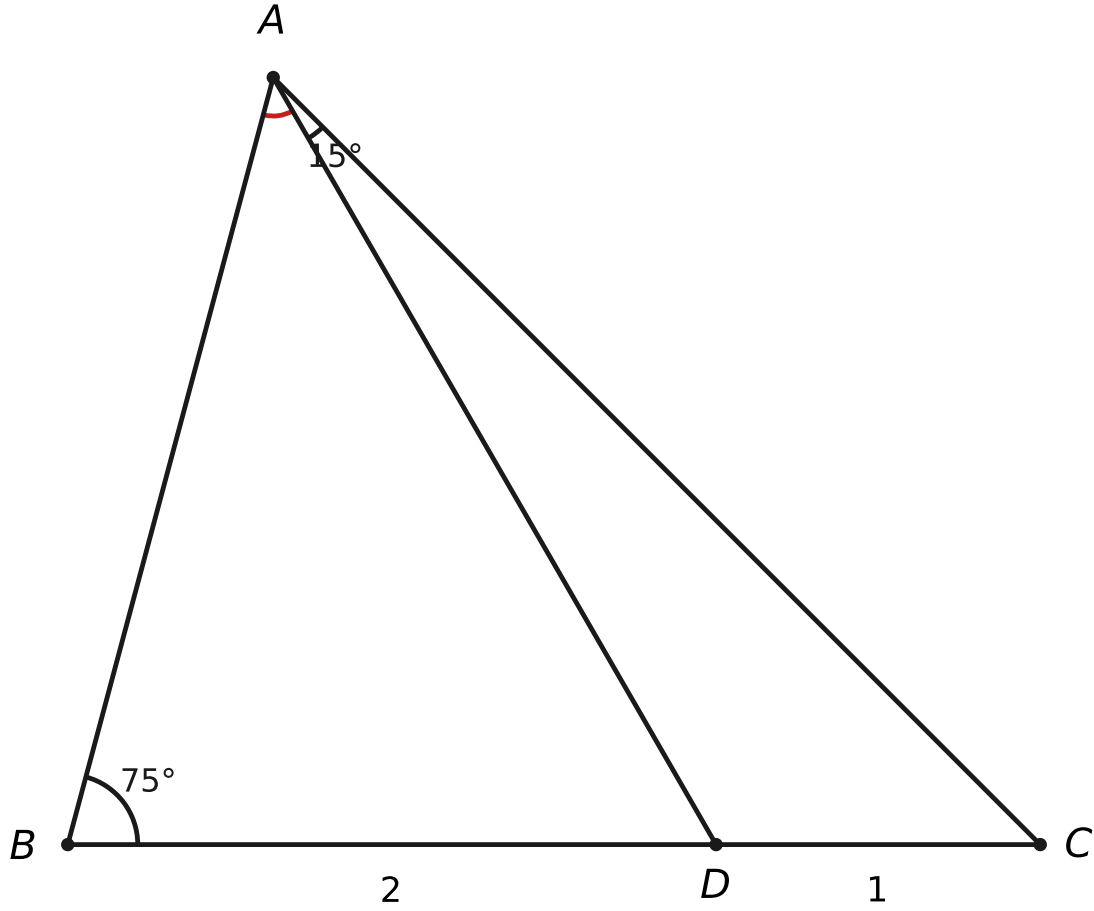
Cevap: $\angle DAC = 15^\circ$

($k_1 = 2$, $N = 4$) ailesi

Soru 4.4

$BD : DC = 2 : 1$, $\angle ABC = 75^\circ$, $\angle DAC = 15^\circ$.

$\angle BAD = ?$



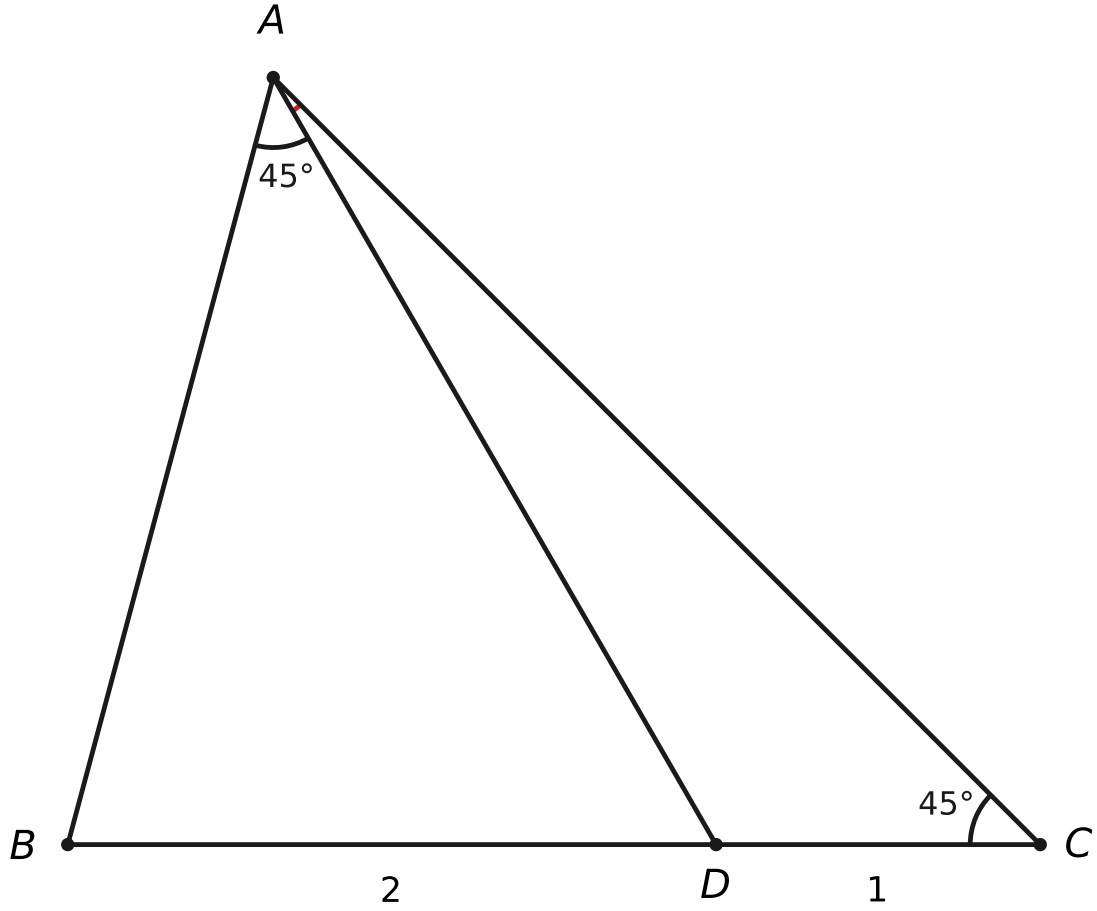
Cevap: $\angle BAD = 45^\circ$

($k_1 = 2$, $N = 4$) ailesi

Soru 4.5

$BD : DC = 2 : 1$, $\angle ACB = 45^\circ$, $\angle BAD = 45^\circ$.

$\angle DAC = ?$



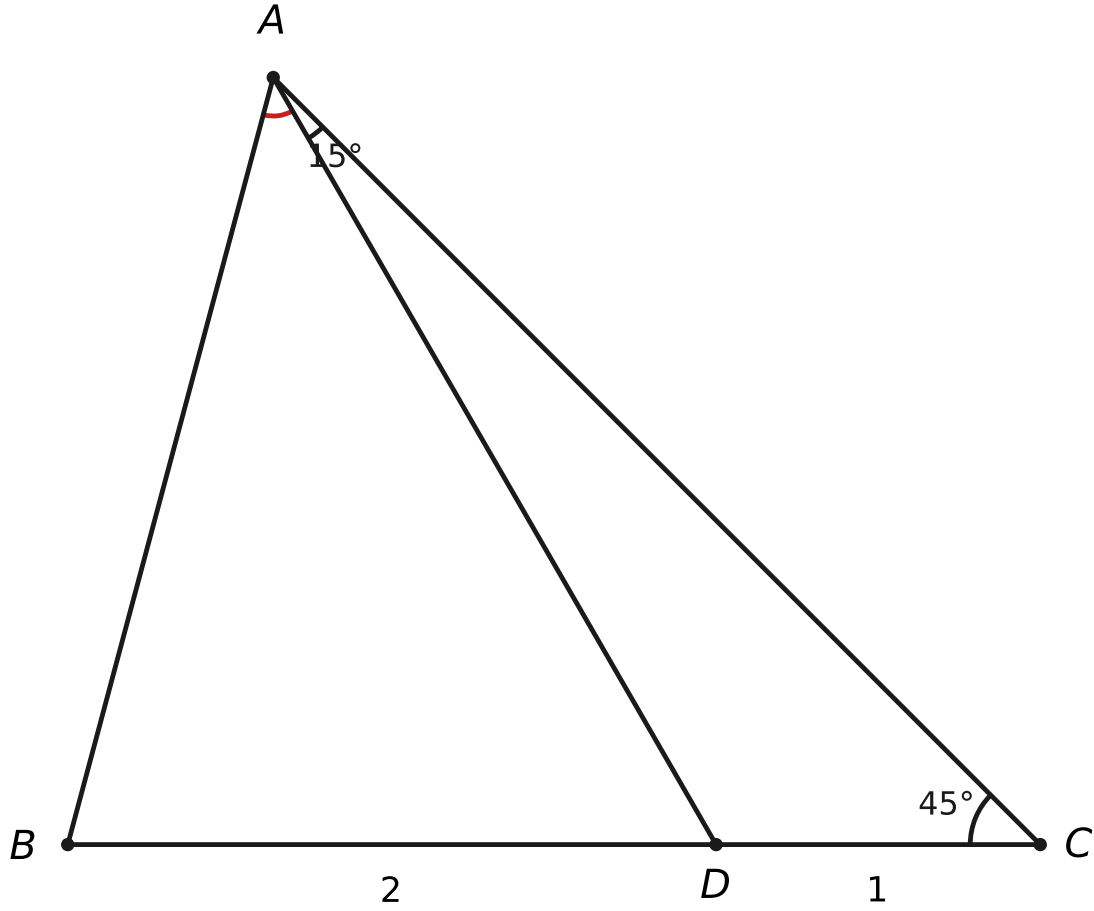
Cevap: $\angle DAC = 15^\circ$

($k_1 = 2$, $N = 4$) ailesi

Soru 4.6

$BD : DC = 2 : 1$, $\angle ACB = 45^\circ$, $\angle DAC = 15^\circ$.

$\angle BAD = ?$



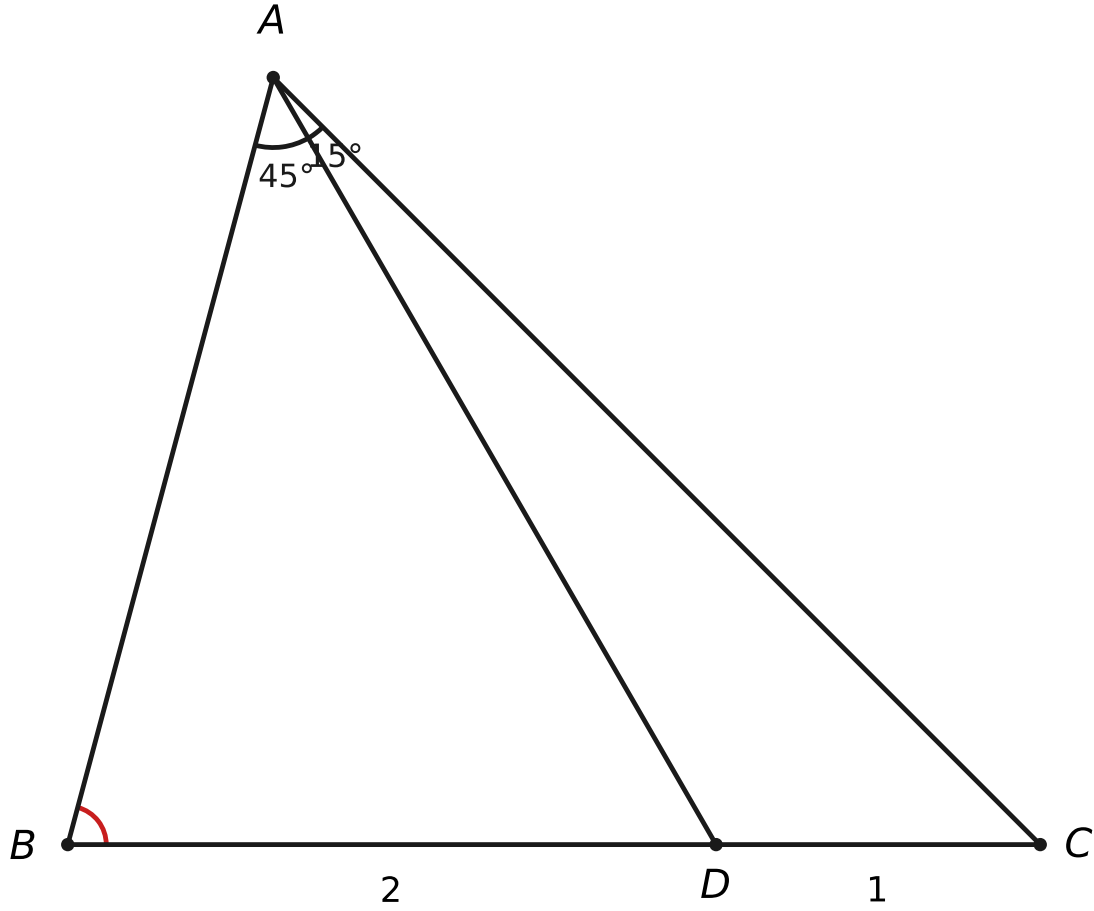
Cevap: $\angle BAD = 45^\circ$

($k_1 = 2$, $N = 4$) ailesi

Soru 4.7

$BD : DC = 2 : 1$, $\angle BAD = 45^\circ$, $\angle DAC = 15^\circ$.

$\angle ABC = ?$



Cevap: $\angle ABC = 75^\circ$