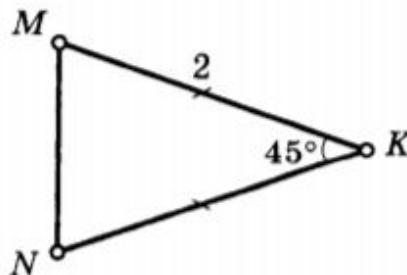


I вариант

1)

1

Найдите: $S_{\triangle MNK}$

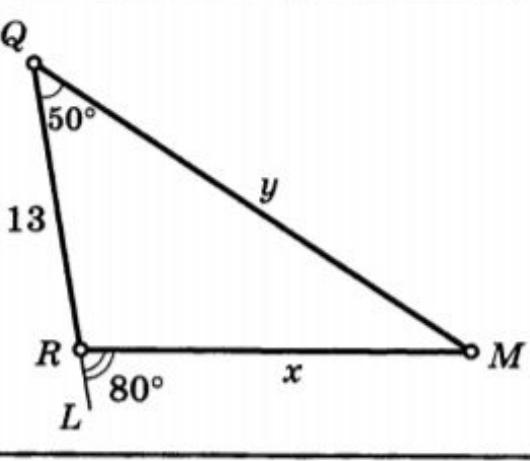


Найдите x, y .

2)

2

Q

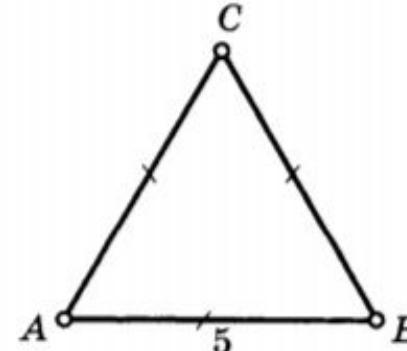


II вариант

1)

2

Найдите: $S_{\triangle ABC}$

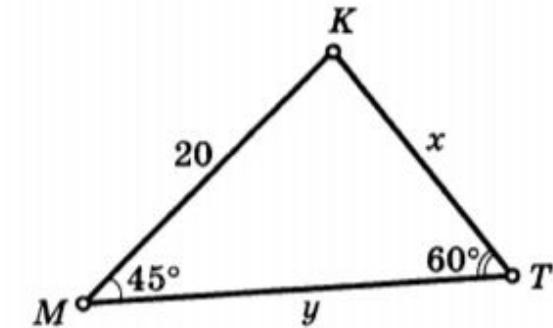


Найдите x, y .

2)

3

Таблица 7



I вариант

3)

4) Дано: $S_{\Delta MBR} = 90$
Найдите: BR

Diagram for problem 4: A triangle MBR. Vertex M is at the bottom left, vertex B is at the top left, and vertex R is at the bottom right. Angle MBR is labeled 30° .

4)

6) Дано: $\angle RMQ = 135^\circ$
Найдите: $S_{\Delta TMQ}$

Diagram for problem 6: A triangle RMQ with vertex R at the bottom left, vertex M at the bottom center, and vertex Q at the top right. Point T is located on segment RM. Segment TM has length 5 and segment MQ has length 10. Angle RMQ is labeled 135° .

II вариант

3)

3) Дано: $S_{\Delta EPF} = 20$
Найдите: EP

Diagram for problem 3: A triangle EPF with vertex E at the top, vertex F at the bottom, and vertex P at the right. Angle EPF is labeled 30° .

4)

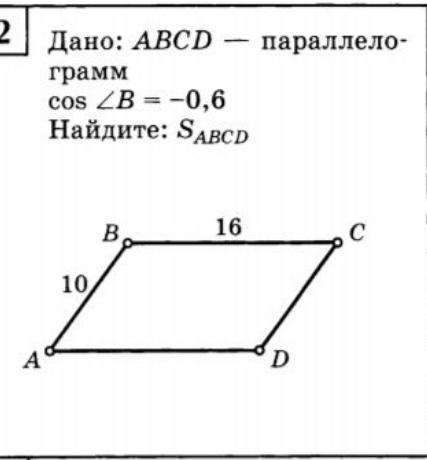
7) Дано: $\angle EPM = 120^\circ$
Найдите: $S_{\Delta EKP}$

Diagram for problem 7: A triangle EPM with vertex E at the top left, vertex P at the bottom left, and vertex M at the bottom right. Point K is located on segment EM. Segment EP has length 5 and segment PM has length 8. Angle EPM is labeled 120° .

I вариант

5)

12) Дано: $ABCD$ — параллелограмм
 $\cos \angle B = -0,6$
Найдите: S_{ABCD}



6)

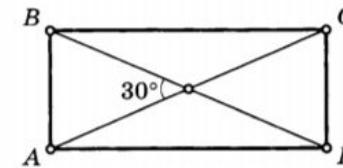
9) Дано: $MNEF$ — параллелограмм
 $S_{MNEF} = 25\sqrt{2}$
Найдите: P_{MNEF}



II вариант

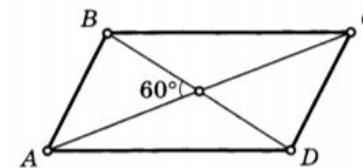
5)

13) Дано: $ABCD$ — прямоугольник
 $AC = 26$
Найдите: S_{ABCD}

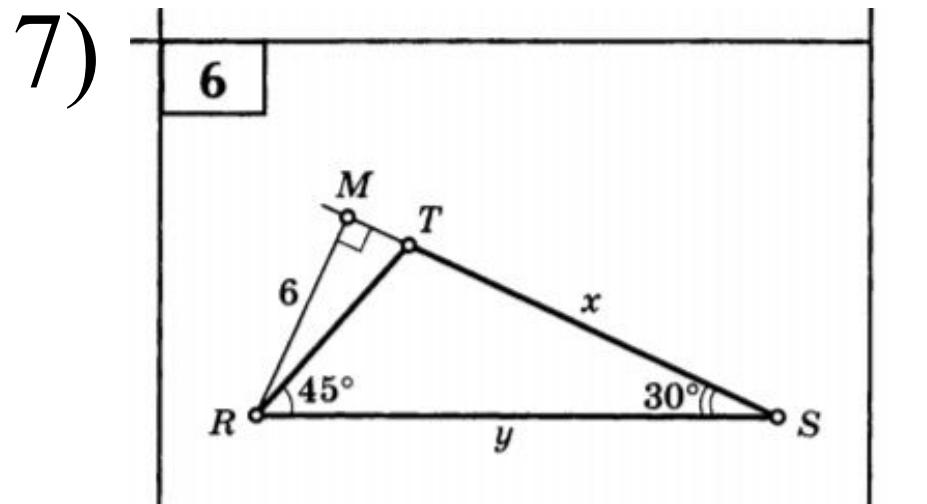


6)

10) Дано: $ABCD$ — параллелограмм
 $BD = 16, AC = 20$
Найдите: S_{ABCD}



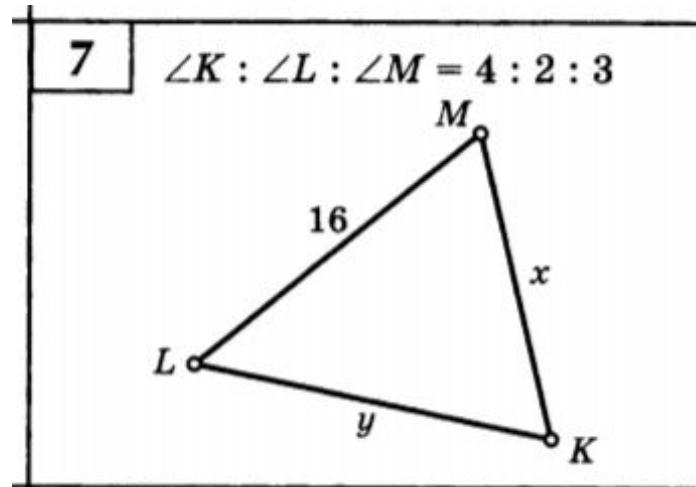
I вариант



8)

II вариант

7)

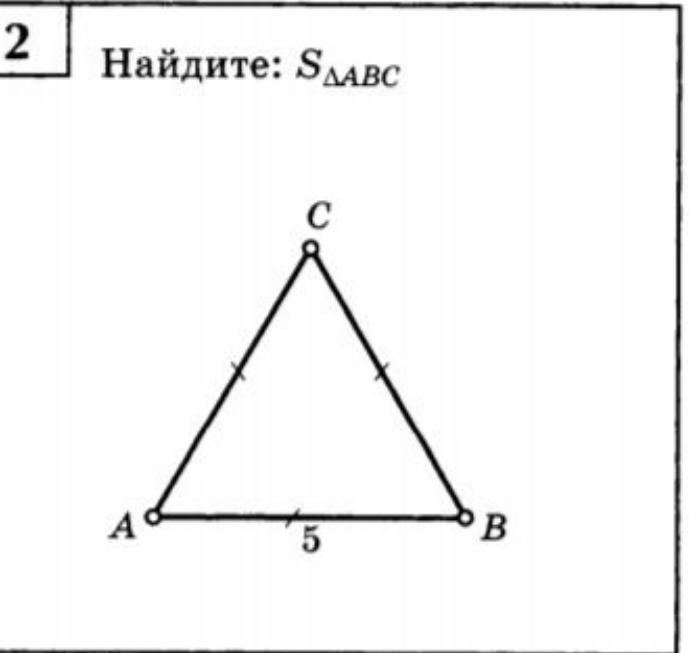


8)

I вариант

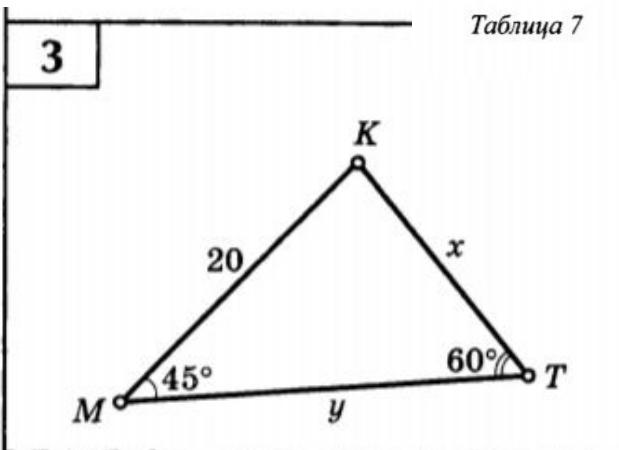
Таблица 6

9)



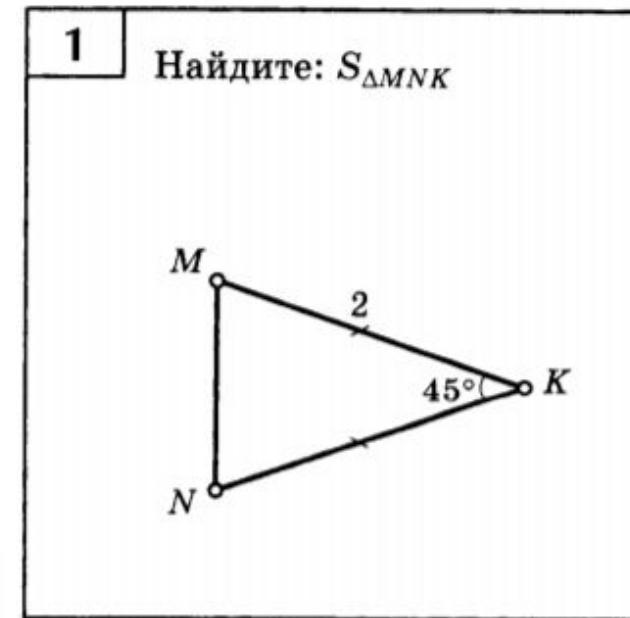
Найдите x, y .

10)



II вариант

9)



10)

Найдите x, y .

