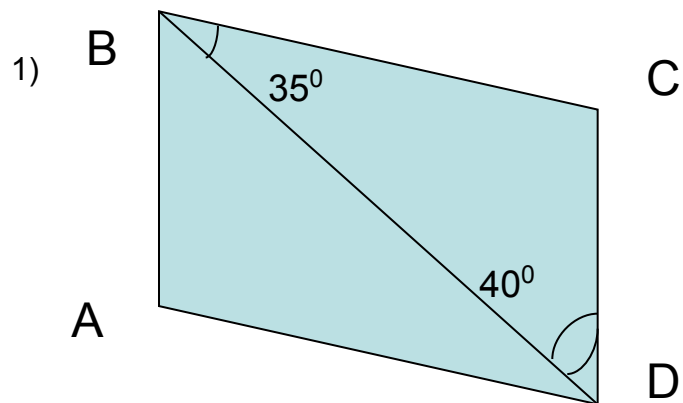
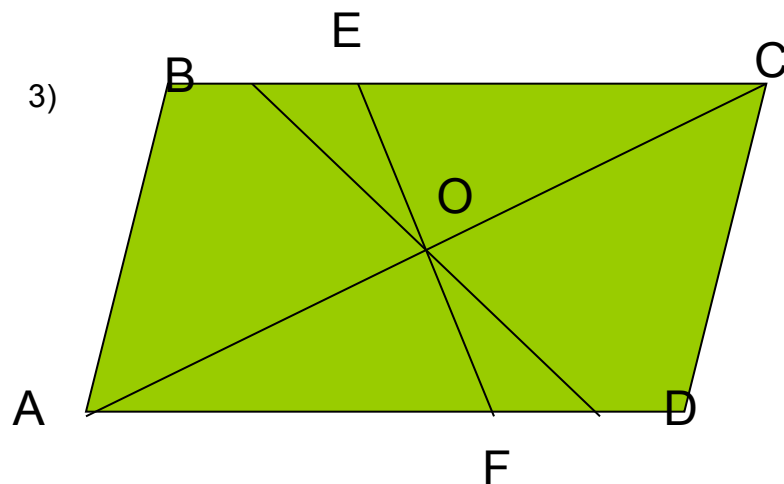


Параллелограмм и его свойства

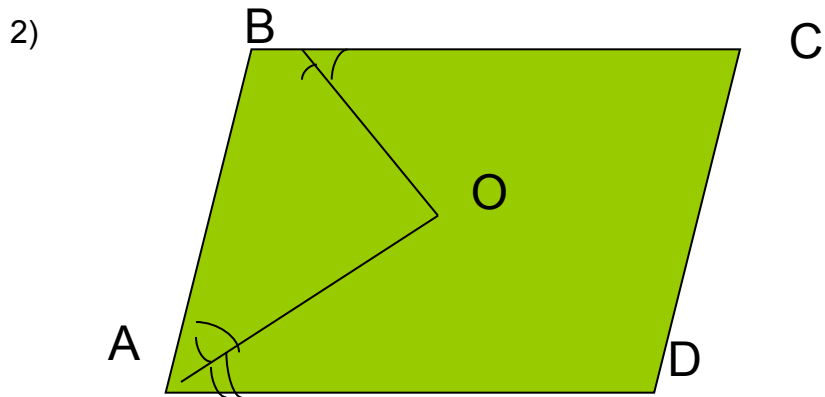
ABCD-параллелограмм



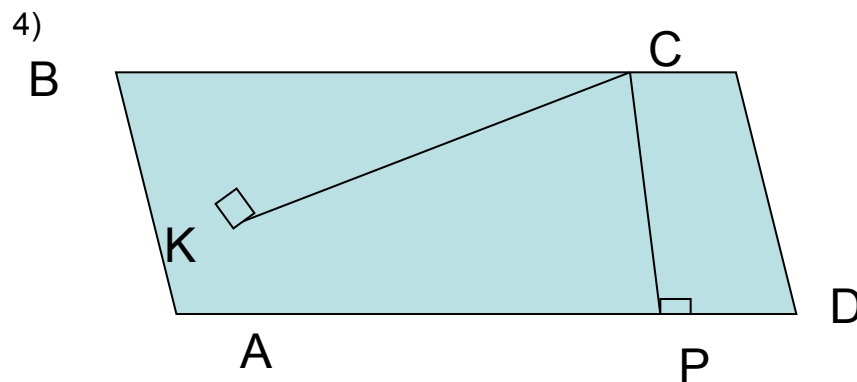
Найдите углы
параллелограмма $ABCD$



Доказать: $OE = OF$

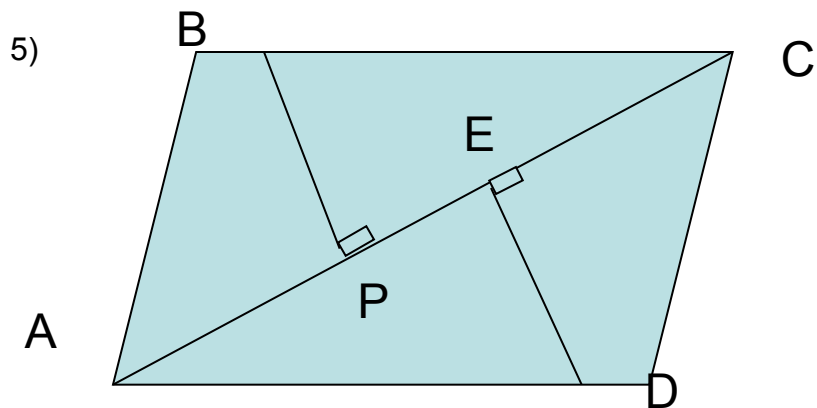


Доказать: $\angle AOB = 90^\circ$

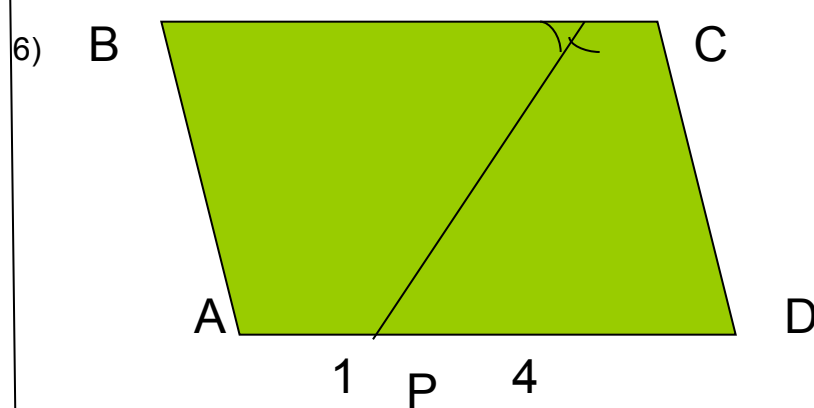


Доказать: $\angle PBK = \angle BCD$

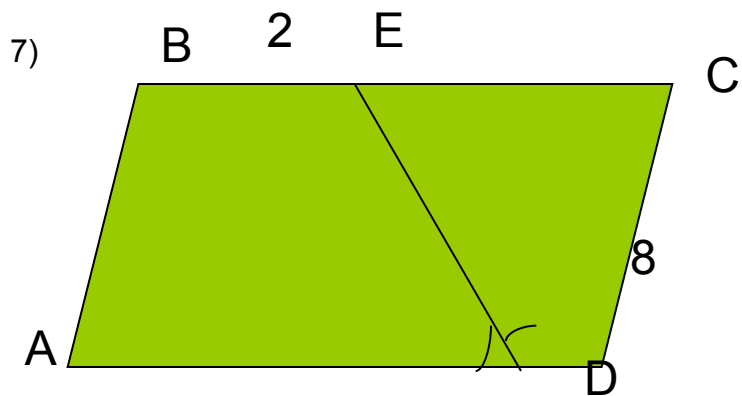
ABCD - параллелограмм



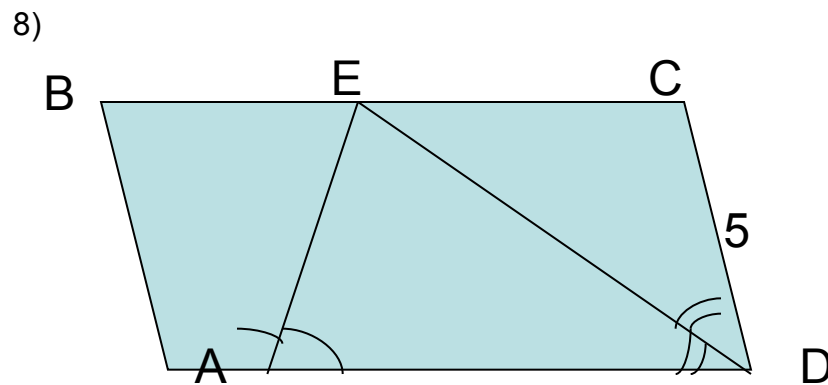
Доказать: $AP = CE$



Найти: P_{ABCD}



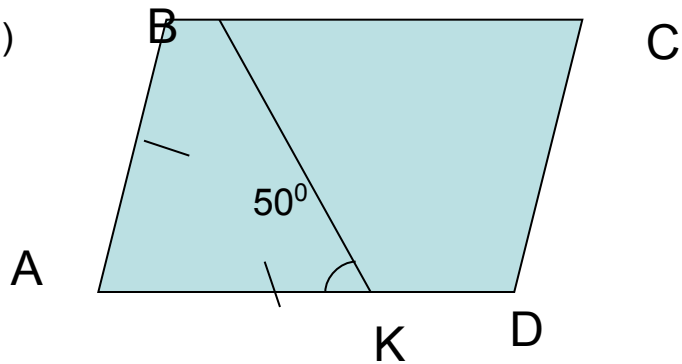
Найти: P_{ABCD}



Найти: P_{ABCD}

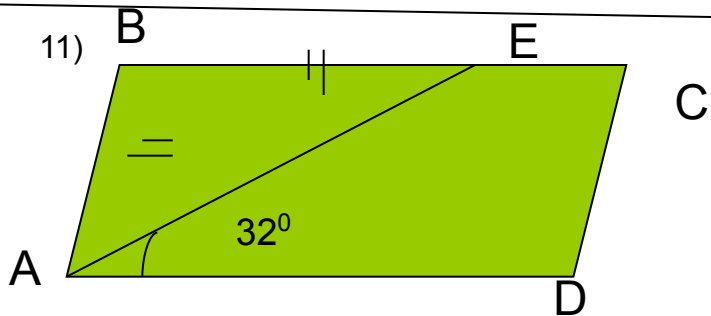
50°

9)



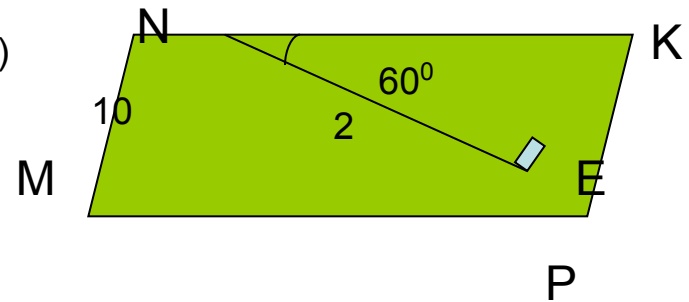
Найдите углы параллелограмма $ABCD$

11)



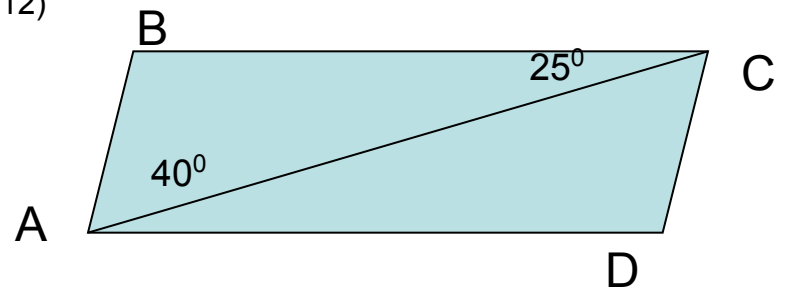
Найдите: $\angle C$, $\angle D$

10)



Найдите: MP , PK .

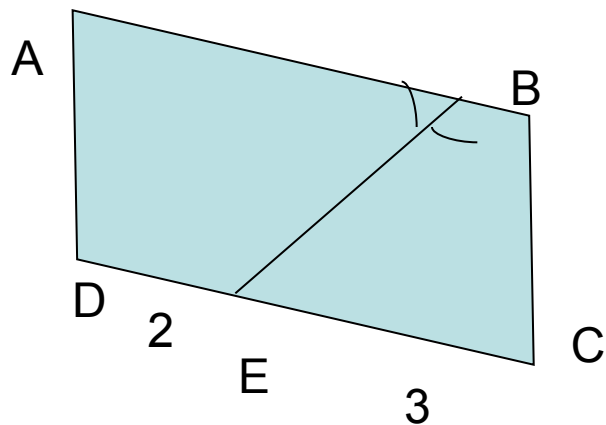
12)



Найдите углы параллелограмма $ABCD$

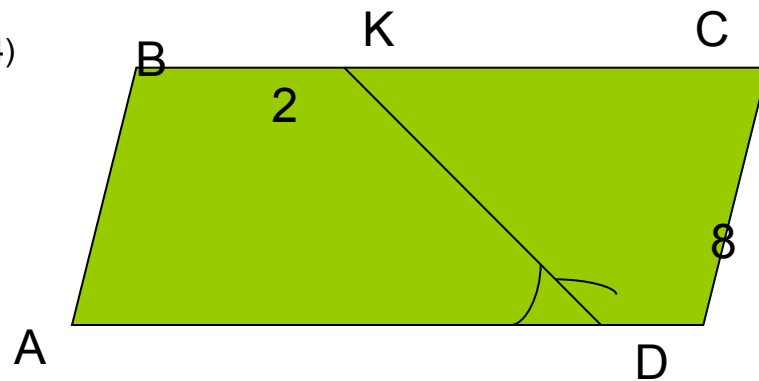
D

13)



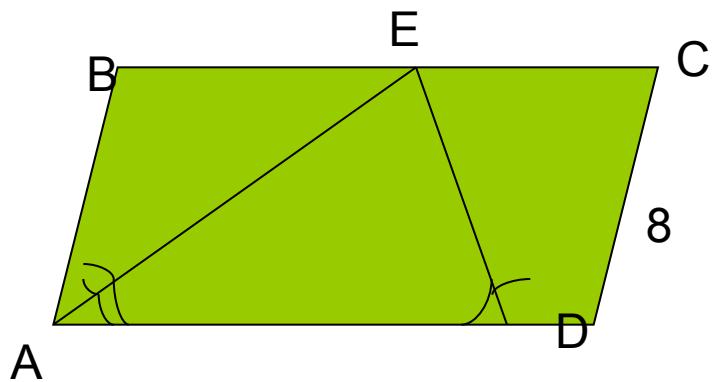
Найти: P_{ABCD}

14)



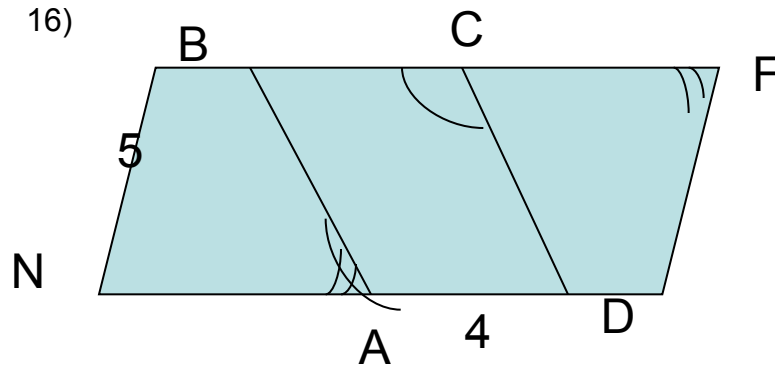
Найти: AD

15)



Найти: P_{ABCD} , $\angle AED$

16)

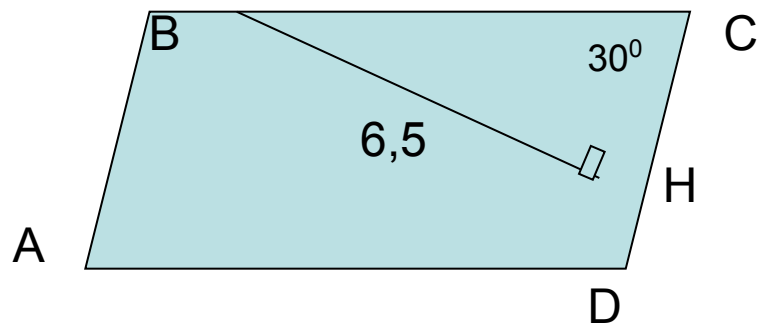


$NBFD$ - параллелограмм

Найти: BC , CD

A

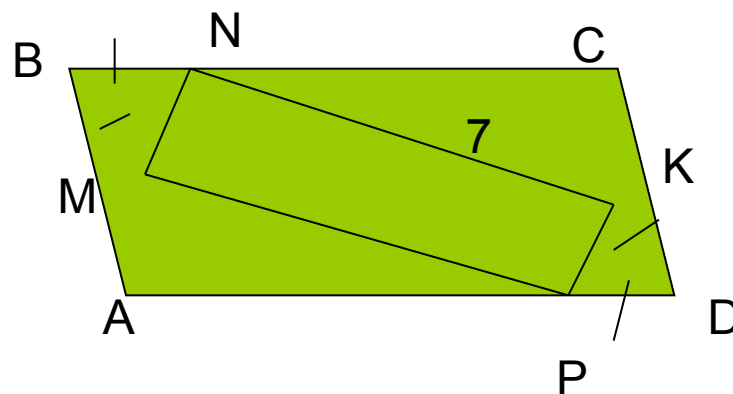
17)



$$P_{ABCD} = 50 \text{ см}$$

Найти стороны параллелограмма

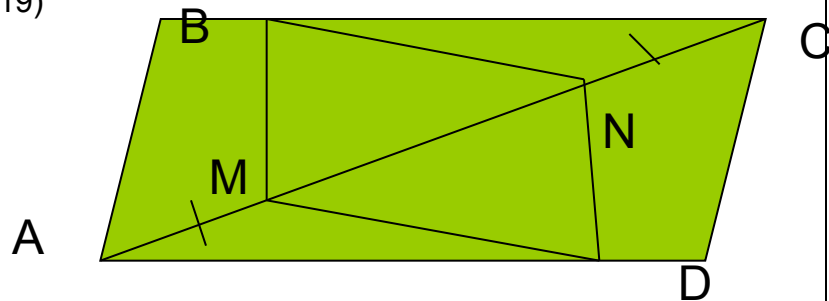
18)



$$ABCD \text{ – параллелограмм } P_{MNKP} = 20 \text{ см}$$

Найти: MN, MP

19)

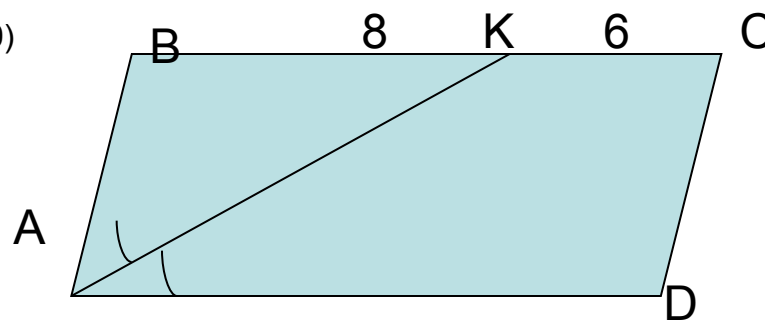


BNDM – параллелограмм.

$$AB:BC = 4:5, P_{ABCD} = 18 \text{ см}$$

Найти: AD, DC

20)



Найдите периметр
параллелограмма ABCD