

# Свойства четырёхугольников

МБОУ Вятская СОШ

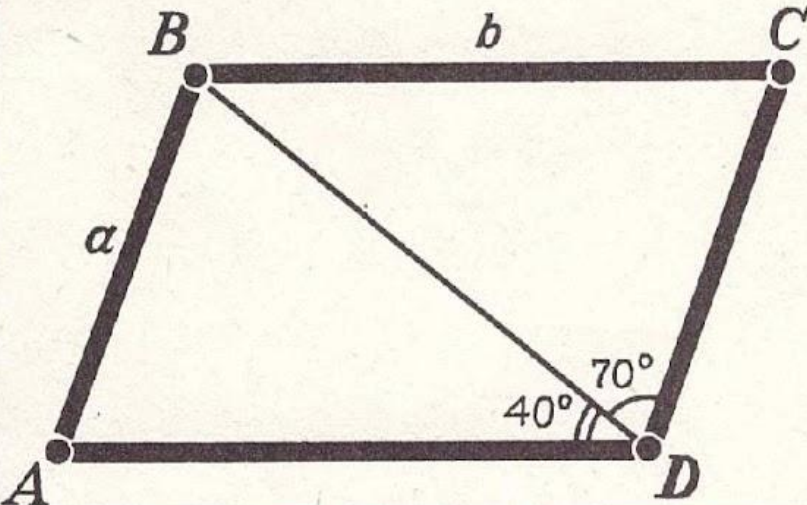
Учитель математики:

Коряковцева Нина

Владимировна

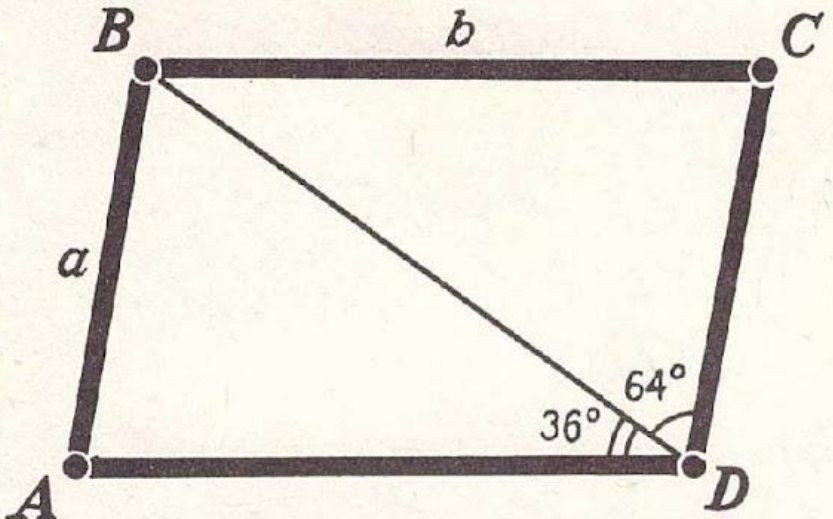
# №1

①  $ABCD$  — параллелограмм.  
Найдите: 1)  $P(ABCD)$ ;  
2) углы  $\triangle ABD$  и  $\triangle BDC$



The diagram shows a parallelogram  $ABCD$  with vertices  $A$  (bottom-left),  $B$  (top-left),  $C$  (top-right), and  $D$  (bottom-right). A diagonal  $BD$  is drawn. Side  $AB$  is labeled  $a$  and side  $BC$  is labeled  $b$ . At vertex  $D$ , the angle  $\angle ADB$  is marked as  $40^\circ$  and the angle  $\angle BDC$  is marked as  $70^\circ$ .

①  $ABCD$  — параллелограмм.  
Найдите: 1)  $P(ABCD)$ ;  
2) углы  $\triangle ABD$  и  $\triangle BDC$



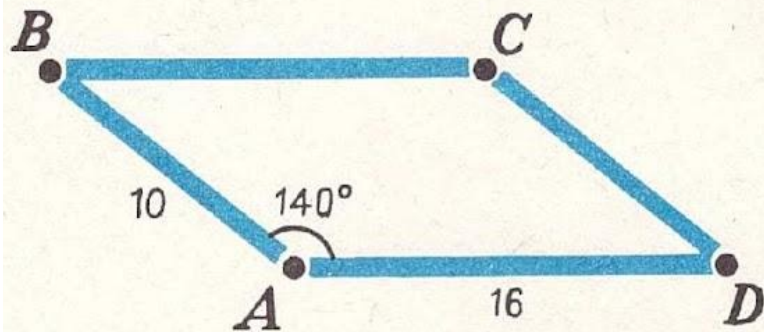
The diagram shows a parallelogram  $ABCD$  with vertices  $A$  (bottom-left),  $B$  (top-left),  $C$  (top-right), and  $D$  (bottom-right). A diagonal  $BD$  is drawn. Side  $AB$  is labeled  $a$  and side  $BC$  is labeled  $b$ . At vertex  $D$ , the angle  $\angle ADB$  is marked as  $36^\circ$  and the angle  $\angle BDC$  is marked as  $64^\circ$ .

# №2

②

$ABCD$  — параллелограмм.

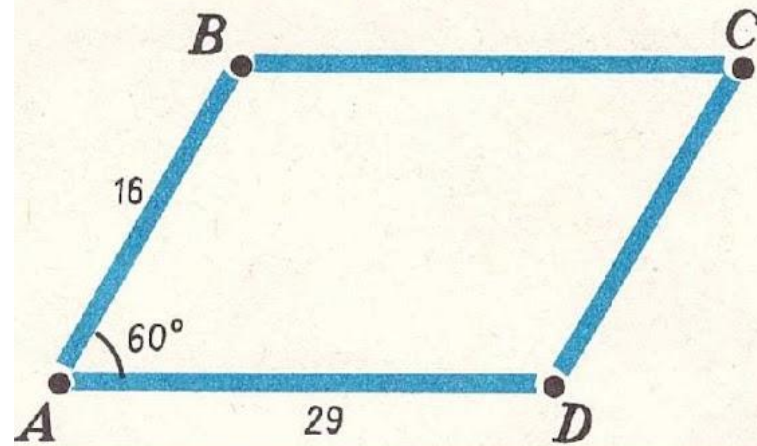
Найдите: 1)  $P(ABCD)$ ;  
2) углы параллелограмма



②

$ABCD$  — параллелограмм.

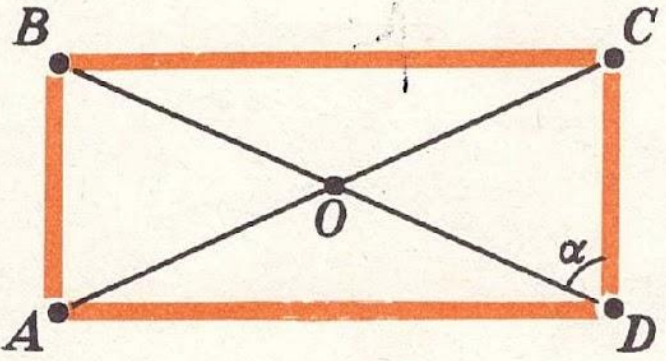
Найдите: 1)  $P(ABCD)$ ;  
2) углы параллелограмма



# №3

③  $ABCD$  — прямоугольник,  
 $AO = a$ ,  $BC = b$ .

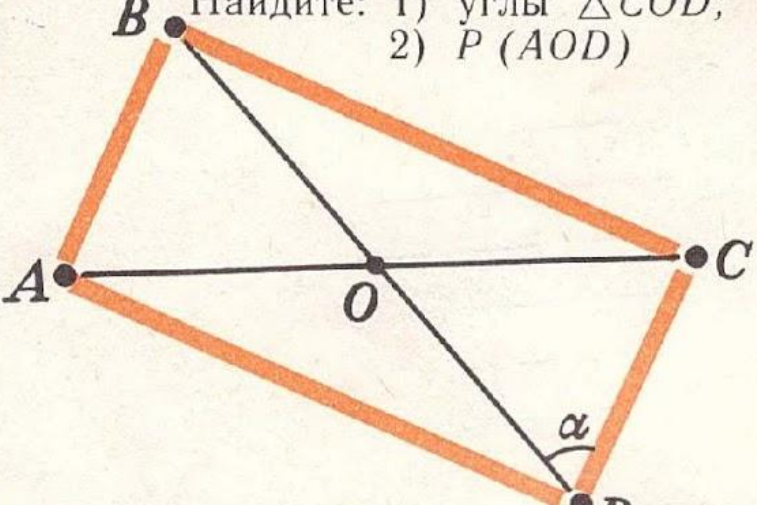
Найдите: 1) углы  $\triangle COD$ ;  
2)  $P(AOD)$



The diagram shows a rectangle  $ABCD$  with vertices  $A$  (bottom-left),  $B$  (top-left),  $C$  (top-right), and  $D$  (bottom-right). The diagonals  $AC$  and  $BD$  intersect at point  $O$ . The side  $BC$  is labeled  $b$ . The angle  $\angle COD$  is labeled  $\alpha$ . The sides  $AB$ ,  $BC$ ,  $CD$ , and  $DA$  are drawn with a thick orange line.

③  $ABCD$  — прямоугольник,  
 $AO = a$ ,  $BC = b$ .

Найдите: 1) углы  $\triangle COD$ ;  
2)  $P(AOD)$



The diagram shows a rectangle  $ABCD$  with vertices  $A$  (bottom-left),  $B$  (top-left),  $C$  (top-right), and  $D$  (bottom-right). The diagonals  $AC$  and  $BD$  intersect at point  $O$ . The side  $BC$  is labeled  $b$ . The angle  $\angle COD$  is labeled  $\alpha$ . The sides  $AB$ ,  $BC$ ,  $CD$ , and  $DA$  are drawn with a thick orange line.



# №4

