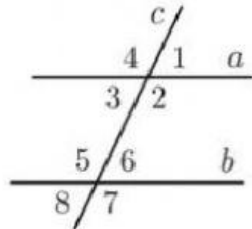


Paralelograma īpašības!

1.uzd. Izpildi testu!



Ja paralēlas taisnes a un b krusto trešā taisne c , tad

1) iekšējie šķērsleņķi ir

A $\sphericalangle 2$ un $\sphericalangle 6$

B $\sphericalangle 1$ un $\sphericalangle 6$

C $\sphericalangle 2$ un $\sphericalangle 5$

D $\sphericalangle 4$ un $\sphericalangle 2$;

2) kāpšļu leņķi ir

A $\sphericalangle 2$ un $\sphericalangle 6$

B $\sphericalangle 1$ un $\sphericalangle 6$

C $\sphericalangle 2$ un $\sphericalangle 5$

D $\sphericalangle 4$ un $\sphericalangle 2$;

3) iekšējie vienpusleņķi ir

A $\sphericalangle 2$ un $\sphericalangle 6$

B $\sphericalangle 1$ un $\sphericalangle 6$

C $\sphericalangle 2$ un $\sphericalangle 5$

D $\sphericalangle 4$ un $\sphericalangle 2$;

4) krustleņķi ir

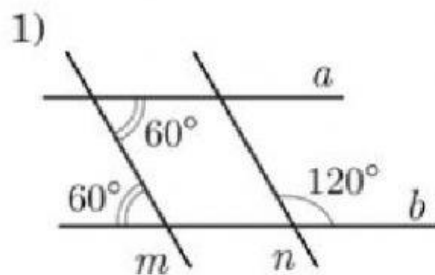
A $\sphericalangle 2$ un $\sphericalangle 6$

B $\sphericalangle 1$ un $\sphericalangle 6$

C $\sphericalangle 2$ un $\sphericalangle 5$

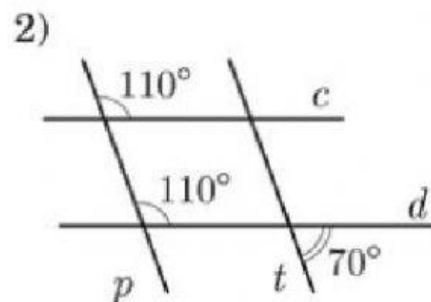
D $\sphericalangle 4$ un $\sphericalangle 2$.

2.uzd. Noteikt, kuras taisnes ir paralēlas. Atbildi pamato!



$a//b$, jo

$m//n$, jo



$c//d$, jo

$p//t$, jo

3.uzd. Ieraksti trūkstošos vārdus!

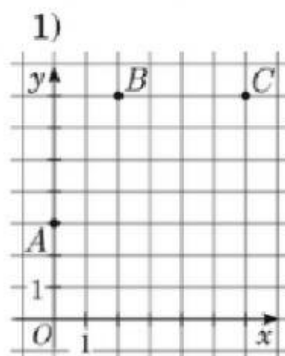
1) Četrstūri, kura pretējās malas ir pa pāriem paralēlas, sauc par ...

2) Paralelogramu, kuram visas malas ir , sauc par rombu.

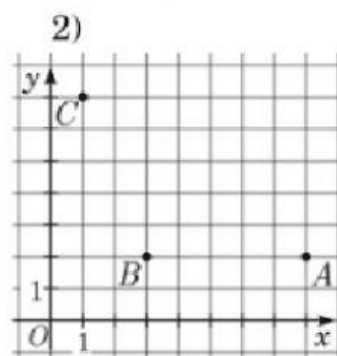
3) Paralelogramu, kuram visi ir taisni, sauc par taisnstūri.

4) Paralelogramu sauc par kvadrātu, ja tā visas malas ir un visi leņķi ir .

4.uzd. Nosaku paralelograma ABCD virsotnes D koordinātes!

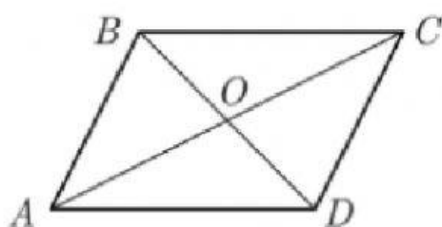


D (;)



D (;)

5.uzd. Turpināt teikumu!

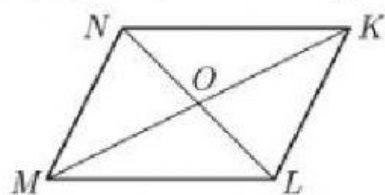


Paralelogramam $ABCD$

- 1) $BC = \dots$, jo pretējās malas ir ...;
- 2) $AB = \dots$, jo ...;
- 3) $\sphericalangle BAD = \dots$, jo ...;
- 4) $\sphericalangle ABC = \dots$, jo ...;
- 5) $BO = \dots$, jo ...;
- 6) $CO = \dots$, jo ...;
- 7) $\triangle BAD = \dots$;
- 8) $\triangle ABC = \dots$;
- 9) $BD \dots AB + AD$;
- 10) $AC \dots AB + BC$.

6.uzd.

Četrstūris $KLMN$ ir paralelograms. Aprēķināt nezināmos lielumus.



- 1) Ja $\sphericalangle NML = 50^\circ$, tad $\sphericalangle NKL = \dots$.
- 2) Ja $\sphericalangle MNK = 130^\circ$, tad $\sphericalangle KLM = \dots$.
- 3) $NK = 12$ cm, tad $ML = \dots$.
- 4) $KL = 10$ cm; tad $NM = \dots$.
- 5) Ja $NO = 3,5$ dm, tad $NL = \dots$.
- 6) Ja $KO = 2,4$ cm, tad $KM = \dots$.
- 7) Ja $MK = 15$ cm, tad $KO = \dots$.
- 8) Ja $NL = 13$ cm, tad $NO = \dots$.