

111. Muntazam shakllarning perimetri

Yondosh mavzu:
landshaft dizayni.

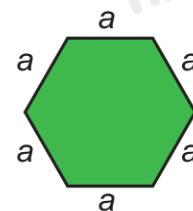
Formula, perimetr,
teng tomonli ko'pburchak.



1. Qanday gulpushti muntazam ko'pburchak shakliga ega? Har bir gulpushtining perimetrini topa olasizmi?



Muntazam ko'pburchak – bu barcha tomonlari teng bo'lgan ko'pburchak. Ko'pburchakning perimetri uning barcha tomonlari uzunliklari yig'indisiga teng. Muntazam ko'pburchakning perimetrini qisqacha, quyidagicha yozish mumkin:



$$P = a \cdot 6$$

$$P = a + a + a + a + a + a = a \cdot 6$$



2. Gulpushti muntazam sakkizburchak shakliga ega. Uning bir tomoni uzunligi 45 cm. Shu gulpushtining perimetrini toping.



3. Akmal simdan ko'pburchak modellarini yasamoqda. Har bir ko'pburchak tomonlarining uzunligi 27 cm. Uchburchak shaklidagi model uchun qancha sim kerak? To'rtburchakli model uchun-chi? Beshburchakli model uchun-chi? n burchakli model uchun-chi?

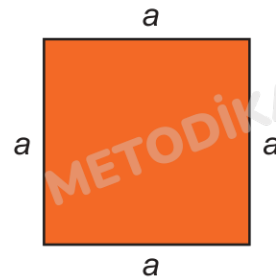
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Bir kattalikning boshqa kattalikka bog'liqligini ko'rsatuvchi matematik yozuv **formula** deb ataladi.

Kvadrat perimetri formulasi:



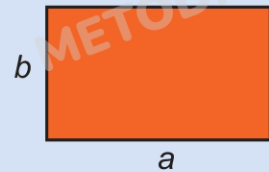
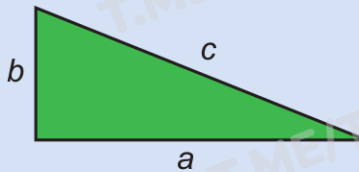
$$P = a \cdot 4$$



4. Kvadrat perimetri formulasi yordamida toping:

- kvadratning tomoni 12 cm bo'lsa, uning perimetrini;
- kvadratning perimetri 688 cm bo'lsa, uning tomonini.

5. Ushbu shakllar perimetrlari uchun formulalar yozing.



6. Tomoni 7 cm bo'lgan muntazam uchburchakning perimetrini toping. Agar uchburchakning tomoni ikki marta ortsa, uning perimetri necha marta ortadi?

7. Akmal yog'och reykalardan rasmdagidek fotoramka yelimplamoqchi. Katta ramkaning tomoni 35 cm, kichik ramkaning tomoni esa undan 80 mm qisqa. U umumiy uzunligi qanday bo'lgan reyka sotib olishi kerak?



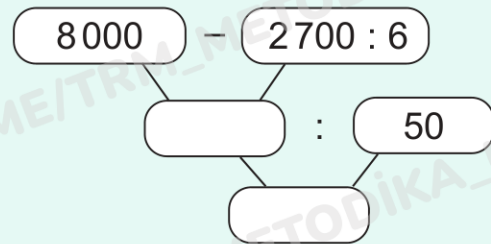
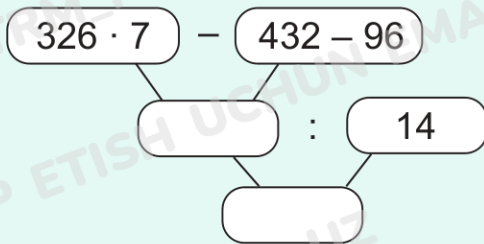
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8. Landshaft dizayneri sayilgoh yo'lini g'ayrioddiy shakldagi arklar bilan bezatadi. Har bir ark bir xil uzunlikdagi beshta to'sindan iborat. Bitta to'sinning uzunligi 1 m 40 cm. Shunday beshta ark uchun necha metr to'sin kerak bo'ladi?



9. Sxemalar bo'yicha ifodalar tuzing va ularning qiymatlarini hisoblang.



10. Hisoblang. Bu yerda qanday so'z yashiringan?

$$457200 : 9 + 6 \cdot (93562 - 12229) : 7 + 13764 + 395661 - 524139$$

S 69714

Z 134278

A 120514

O 529939

M 81333

Y 487998

A 50800

R 5800



11. Bog' maydoni to'g'ri to'rtburchak shaklida bo'lib, uning bo'yi enidan 2 m katta, perimetri esa 96 m. Ushbu maydonning yuzini toping.



12. Tomoni 3 cm 5 mm bo'lgan kvadratning perimetrini toping.



13. Hisoblang. Shaharliklar dam oladigan joy qanday ataladi?

$$56700 : 90 - 3 \cdot (9043 - 7636) : 7 + 1382 - 968$$

O 1409

O 603

I 630

H 1407

Y 4221

N 441

B 27

T 63