

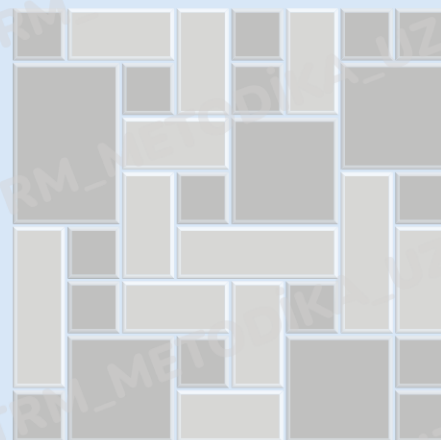
75. Yuz birliklari

Yondosh mavzu:
yo'l texnologiyalari.

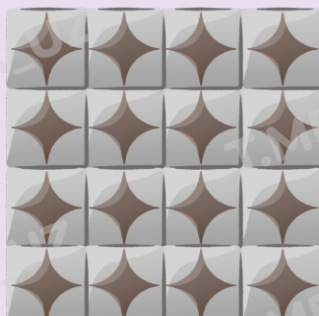
Kvadrat metr,
kvadrat detsimetr,
kvadrat santimetr.



1. To'g'ri to'rtburchak shaklidagi maydonni qoplash uchun turli shakldagi plitkalar ishlatilgan. Buning uchun qancha katta va qancha kichik plitkalardan foydalanilgan? To'g'ri to'rtburchaklar nechta? Qaysi biri ko'proq ishlatilgan: kvadrat shaklidagilarmi yoki to'g'ri to'rtburchak shaklidagilarmi?



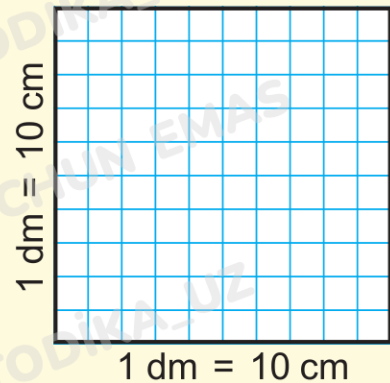
2. Xuddi shu maydonga turli o'lchamdagi kvadrat plitkalar yotqizilgan. Qaysi holatda ko'proq plitka kerak bo'ladi? Agar eng kichik plitka tomoni 1 dm bo'lgan kvadrat bo'lsa, maydonning yuzi qanday?



Shaklning yuzi – bu uning ichki sohasiga joylashtirish mumkin bo'lgan o'lchovlar soni. Ko'pincha birlik o'lchov sifatida tomonlari 1 mm, 1 cm, 1 dm, 1 m bo'lgan kvadratlar olinadi. Bunday kvadratlar yuzi, mos ravishda, 1 mm², 1 sm², 1 dm², 1 m² deb belgilanadi.



3. a) Rasmdan foydalanib, 1 kvadrat detsimetrda necha kvadrat santimetr borligini ayting. Buni qanday aniqladingiz?
 b) Bo'sh joylarni to'ldirib, daftaringizga yozing.
- $1 \text{ cm}^2 = \dots \text{ mm}^2$
 $1 \text{ dm}^2 = \dots \text{ cm}^2 = \dots \text{ mm}^2$
 $1 \text{ m}^2 = \dots \text{ dm}^2 = \dots \text{ cm}^2 = \dots \text{ mm}^2$



4. Taqqoslang.

$$5 \text{ dm}^2 \square 30 \text{ cm}^2$$

$$75 \text{ dm}^2 \square 7 \text{ m}^2 5 \text{ dm}^2$$

$$4 \text{ dm}^2 \square 41 \text{ cm}^2$$

$$6 \text{ dm}^2 \square 7 \text{ 000 mm}^2$$

$$21 \text{ cm}^2 \square 2100 \text{ mm}^2$$

$$200 \text{ mm}^2 \square 2 \text{ dm}^2$$



5. Hisoblang. Qulaylik uchun eng kichik o'lchov birligiga keltiring.

$$33 \text{ m}^2 75 \text{ dm}^2 + 42 \text{ m}^2 18 \text{ dm}^2 - 19 \text{ m}^2 67 \text{ dm}^2$$

$$5 \text{ dm}^2 3 \text{ cm}^2 \cdot 4 - 18 \text{ dm}^2 96 \text{ cm}^2 : 8$$

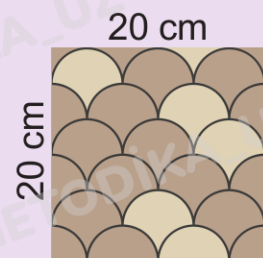
$$426 \text{ cm}^2 : 10 + 4 \cdot (5 \text{ cm}^2 32 \text{ mm}^2 - 278 \text{ mm}^2)$$



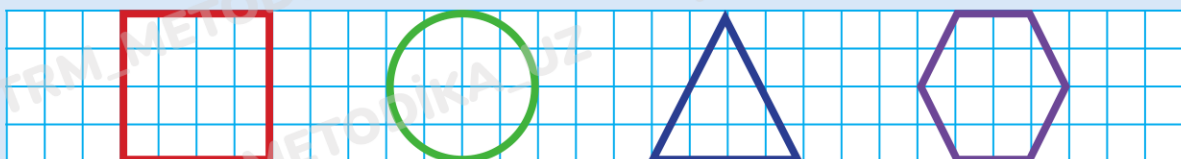
6. Avtobus bekati pavilyonining to'g'ri to'rtburchak shaklidagi maydoni kafel bilan qoplanishi kerak. Maydonning bo'yi 8 m, eni esa bo'yidan 4 m 6 dm qisqa. Toping:

a) ushbu maydonning yuzini;

b) bu maydonga shunday plitkalardan nechta kerak bo'lishini.



7. Qaysi shaklning yuzi eng katta? Nima uchun?



76. Yuz birliklari



8. Hisoblang. To'g'ri burchakli parallelepiped yoki kub shaklidagi toshlar yotqizilgan yo'l qanday ataladi?

A $400 : 50 \cdot 20$

B $6000 : (72 + 28)$

K $93 - 12 \cdot 7 + 322$

R $42 \cdot 20 - 17 \cdot 6$

S $(180 : 3 - 17) \cdot 5$

T $8000 : (80 : 10)$

U $175 \cdot 1 + 602 \cdot 2$

CH $1000 - (222 \cdot 4 + 19)$

60	738	1379	215	93	160	1000	331	160
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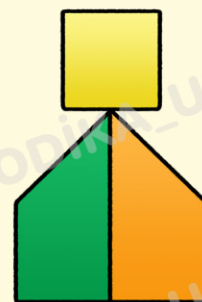
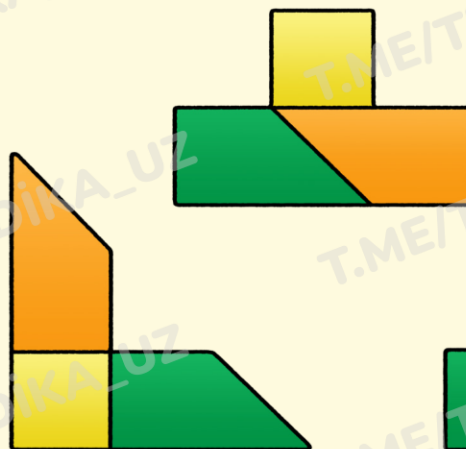
9. Bolalar o'yin maydonchalari turli rangdagi uchta to'rtburchakdan iborat shakl ko'rinishida tuzilgan.

a) Qaysi shaklning yuzi eng katta?

b) Har bir shaklning yuzini toping.



$S = 4 \text{ m}^2$



10. Eng kichik yuz o'lchov birligiga o'tkazib hisoblang.

$42 \text{ dm}^2 \ 26 \text{ cm}^2 - 15 \text{ dm}^2 \ 63 \text{ cm}^2 + 14 \text{ dm}^2 \ 19 \text{ cm}^2$

$8 \text{ cm}^2 \ 1 \text{ mm}^2 : 9 + 3 \text{ cm}^2 \ 6 \text{ mm}^2 : 6$

$300 \cdot (4 \text{ dm}^2 - 193 \text{ cm}^2)$



11. Ikkita yo'lkaga plitka yotqizish kerak. Bitta yo'lkaning uzunligi

17m 40cm, kengligi esa 1m 48cm. Ikkinchi yo'lkaning uzunligi

15m 80cm, kengligi esa 1m 12cm. Qaysi yo'lkaning yuzi katta va qancha katta?