**12. Silindrik sirt. Aylanma silindrik sirt va uning tekisliklar bilan kesimlari. Silindrning sirti**

**Mustaqil ishlash uchun masalalar**

12.1. Silindrning to'la sirti , asosining diametri esa 12 ga teng bo‘lsa, silindrning balandligini toping. javob: 127

12.2. Silindr asosining yuzi 256 ga va balandligi ga teng bo'lsa, silindr to'la sirtining yuzini toping. javob: 800

12.3. Silindrning to'la sirti yuzi ga teng. Silindr asosining diametri 8 ga teng bo‘lsa, silindr o‘q kesimi yuzini toping. javob: 140

12.4. Silindrning to'la sirti ga teng. Agar silindrning balandligi asosi aylanasi uzunligiga teng bo‘lsa, silindrning asosi yuzini toping. javob: 3,75

12.5. Silindrning to'la sirti yuzi ga teng. Agar silindrning balandligi asosi aylanasi radiusi uzunligiga teng bo'lsa, silindrning o'q kesimi yuzini toping. javob: 392

12.6. Silindrning o'q kesimi yuzi ga teng kvadratdan iborat. Silindrning to‘la sirti yuzini toping. javob: 37,5

12.7. Silindr yon sirtining yuzi ga teng. Agar silindr yasovchisi asosi radiusiga teng bo‘lsa, silindrning o‘q kesimi yuzini toping. javob: 125

12.8. Silindr asosining yuzi 121 ga teng. Agar silindrning balandligi ga teng bo‘lsa, silindrning to‘la sirti yuzini toping. javob:330

12.9. Silindrning yon sirti 80 ga teng. Silindrning o'q kesimi kvadratdan iborat. Silindrning to'la sirti yuzini toping. javob: 120

12.10. Silindrning yon sirti yoyilmasi kvadratdan iborat hamda yuzi ga teng. Silindrning asos yuzini toping. javob: 19

12.11. Silindrning balandligi asos diametriga teng. Silindrning yon sirti yoyilmasining yuzi 104 ga teng bo‘lsa, silindrning asos yuzini toping. javob: 26

12.12. Silindrning balandligi asos radiusiga teng. Silindrning yon sirti yoyilmasi 1002 ga teng. Silindrning asosi yuzini toping. javob: 501

12.13. Tomonlari uzunliklari va ga teng bo'lgan to'g'ri to‘rtburchak katta tomonlari o‘rtasidan o‘tuvchi to‘g‘ri chiziq atrofida aylantirishdan hosil bo‘lgan jismning to‘la sirtini toping. javob: 4,5