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***9-sinf.GeometRiya***

**1.To’griburchakliuchburchako’tkirburchaginingsinusi deb nimagaaytiladi?**

**A)Shuburchakkayopishgankatetninggipotenuzaganisbatigaaytiladi.**

**B) Shuburchakqarshisidayotgankatetninggipotenuzaganisbatigaaytiladi.**

**C) Shuburchakkayopishgankatetningqarshiyotgankatetganisbatigaaytiladi**

**D) Shuburchakqarshisidayotgankatetningyopishgankatetganisbatigaaytiladi.**

**E) Hammajavoblarto’g’ri.**

**2. .To’griburchakliuchburchako’tkirburchaginingkosinusi deb nimagaaytiladi?**

**A)Shuburchakkayopishgankatetninggipotenuzaganisbatigaaytiladi.**

**B) Shuburchakqarshisidayotgankatetninggipotenuzaganisbatigaaytiladi.**

**C) Shuburchakkayopishgankatetningqarshiyotgankatetganisbatigaaytiladi**

**D) Shuburchakqarshisidayotgankatetningyopishgankatetganisbatigaaytiladi.**

 **E) Hammajavoblarto’g’ri.**

**3.To’griburchakliuchburchako’tkirburchaginingtangensi deb nimagaaytiladi?**

**A)Shuburchakkayopishgankatetninggipotenuzaganisbatigaaytiladi.**

**B) Shuburchakqarshisidayotgankatetninggipotenuzaganisbatigaaytiladi.**

**C) Shuburchakkayopishgankatetningqarshiyotgankatetganisbatigaaytiladi**

**D) Shuburchakqarshisidayotgankatetningyopishgankatetganisbatigaaytiladi.**

 **E) Hammajavoblarto’g’ri.**

**4. . .To’griburchakliuchburchako’tkirburchaginingkotangensi deb nimagaaytiladi?**

**A)Shuburchakkayopishgankatetninggipotenuzaganisbatigaaytiladi.**

**B) Shuburchakqarshisidayotgankatetninggipotenuzaganisbatigaaytiladi.**

**C) Shuburchakkayopishgankatetningqarshiyotgankatetganisbatigaaytiladi**

**D) Shuburchakqarshisidayotgankatetningyopishgankatetganisbatigaaytiladi.**

 **E) Hammajavoblarto’g’ri.**

**5.a=60obo’lsa, sinaningqiymatini toping?A)1/2 B) /2 C)1 D) 0 E) /2**

**6.a=30obo’lsa, cosaningqiymatini toping? A)1/ B) /2 C)1 D) 0 E) /2**

**7. a=45obo’lsa, tganingqiymatini toping?A)1/2 B) /2 C)1 D) 0 E) /2**

**8. a=60obo’lsa, ctganingqiymatini toping?A)1/2 B) /2 C)1 D) 0 E) /2**

**9.lchorakdasinusningishorasinianiqlang?**

**A) manfiy B) musbat C) nolgateng D)hammajavobto’g’ri E)ishoraburchakkabog’liq**

**10. llchorakdakosinusningishorasinianiqlang?**

**A) manfiy B) musbat C) nolgateng D)hammajavobto’g’ri E)ishoraburchakkabog’liq**

**11.lllchorakdatangensningishorasinianiqlang?**

**A) manfiy B) musbat C) nolgateng D)hammajavobto’g’ri E)ishoraburchakkabog’liq**

**12.lVchorakdakotangensningishorasinianiqlang?**

**A) manfiy B) musbat C) nolgateng D)hammajavobto’g’ri E)ishoraburchakkabog’liq**

**13.ABCtug’riburchakliuchburchakda<C=90o; AC=7; AB=14 bo’lsa, qolganburchaklarini toping?**

**A)45o,45o B)30o,60o C)35o,55o D)40o,50o E)20o,70o**

**14.Tengyonlitrapetsiyaning yon tomoni 4sm, kichikasosi sm asosidagi burchagi 30o gatengbo’lsa, trapetsiyaningyuzini toping?**

**A)5 B)6 C) 4 D)2 E)4**

**15.Noto’griayniyatni toping.**

**A)Sin2a+cos2a=1 B)tga+ctga=1 C)tga\*ctga=1 D)1+ctg2a=1/sin2a E) tga=sina/cosa**

**16.Agarsina=0.6 va 90o<a<180obo’lsa, cosani toping?**

**A) 0.8 B)-0.8 C)3/4 D)-0.4 E)-3/4**

**17. To’griayniyatni toping.**

**A)Sin2a-cos2a=1 B)tga+ctga=2 C)tga\*ctga=1 D)1-ctg2a=1/sin2a E) tga=sina/cosa**

**18.Hisoblang. sin90+cos90=? A) 2 B) 0 C)-1 D) 1 E) -2**

**19.Hisoblang. sin45o+cos45o=?A) 2.1 B) 1.2 C)-1 D) 1 E)**

**20.Hisoblang. 2tg45o+sin30o-cos60o=?A) 2 B) 1.2 C)-1 D) 1 E)-**

