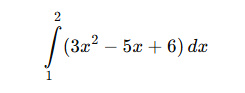
**11-sinf Algebradan 8 – BSB savollari I variant**

1. Savdogar 100 000 000 so‘mni bankka yillik murakkab foiz bo‘yicha 10% foyda bilan ma’lum muddatga qo‘ydi. Muddat oxirida u 133 100 000 so‘m oldi. Pul necha yilga qo‘yilgan edi? **(4 ball)**
2. Funksiyaning ekstremumlarini toping:  
     **y = x³ – 5x² + 7x + 5**  **(4 ball)**
3. **y = x³ – 3x² + 2x** funksiyasi grafigining **x₀ = 3** nuqtadan o‘tuvchi urinma tenglamasini yozing. **(4 ball)**
4. **y = –x² + x + 2**, **y = 2**, **x = 1**, **x = 3** chiziqlar bilan chegaralangan shakl yuzini toping. **(4 ball)**
5. Integrialni hisoblang. **(4 ball)**