

O'ZBEKISTON RESPUBLIKASI XALQ TA'LIMI VAZIRLIGI

TASARRUFIDAGI ANIQ FANLARGA

IXTISOSLASHTIRILGAN DAVLAT UMUMTA'LIM

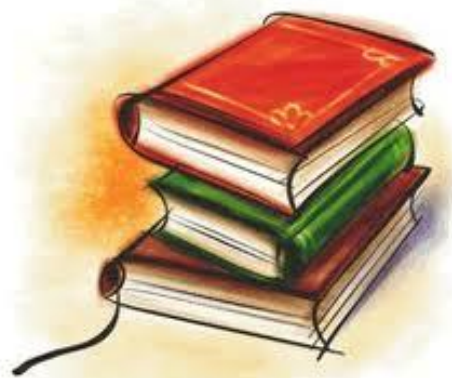
MAKTABINING MATEMATIKA FANI O'QITUVCHISI

ARIFDJANOVA HAMIDANING

MATEMATIKA FANIDAN

BIR SOATLIK OCHIQ

DARS ISHLANMASI



Mavzu: O'NLI KASRLAR. ULARNING O'QILISHI VA YOZILISHI.

Darsning maqsad: a) **ta'limiy:** o'quvchilarni o'nli kasrlar tushunchasi bilan tanishtirish; o'nli kasrlarni yozilishini va o'qilishini bo'yicha bilimlarini oshirish;

b) **tarbiyaviy:** o'quvchilarni vatanparvarlik ruhida ulg'ayishiga undash, milliy urf odatlarga hurmatda bo'lishlikka chorlash;

d) **rivojlantiruvchi:** o'nli kasrlarni yo'zilishi va o'qilishi bo'yicha bilimlarini oshirish uchun misol va masalalar yechish.

Darsning turi: Aralash.

Darsning metodlari: Bahs munozara, aqliy hijim, Bumerang.

Darsning jihozi: Darslik, chizma, formulalar.

Darsning borishi:

a) salomlashish

b) davomat aniqlash.

c) vazifani tekshirish, o'tilganlar yuzasidan savol-javoblar, test tarqatmalari

Darsning bayoni:

Qoida: Maxraji 10 ning darajasidan iborat bo'lgan kasr o'nli kasr deyiladi.

Masalan, 10, 100, 1000,

$$\frac{7}{10}, \frac{3}{10}, \frac{71}{100}, \frac{119}{100}, 2\frac{117}{1000}$$

$$\frac{23}{10} = 2\frac{3}{10} = 2,3 \text{ (o'qilishi: ikki butun o'ndan uch)}$$

$$\frac{71}{100} = 0,71 \text{ (o'qilishi: nol butun yuzdan yetmish bir)}$$

$$10 = 10^1; \quad 100 = 10^2; \quad 1000 = 10^3; \dots$$

O'nli kasrlarni oddiy kasrga aylantirish yo'llarini ko'rsatadi:

$$1) \quad 1,7 = \frac{17}{10};$$

$$2) \quad 0,12 = \frac{12}{100};$$

$$3) \quad 0,07 = \frac{07}{100} = \frac{7}{100};$$

$$4) \quad 1,007 = 1\frac{7}{1000};$$

$$5) \quad 7,8 = 7\frac{8}{10} = 7\frac{4}{5};$$

$$6) \quad 1,8 = 1\frac{8}{10} = \frac{9}{5}$$

Qoida: O'nli kasrda verguldan keyingi raqamlar soni unga mos oddiy kasr maxrajidagi nollar soniga teng bo'ladi.

Darsni mustahkamlash.

2-misol. Kasrlarni o'nli kasr ko'rinishida yozing:

$$1) \quad \frac{3}{10} = 0,3; \quad \frac{5}{10} = 0,5; \quad 2\frac{7}{10} = 2,7; \quad 5\frac{9}{10} = 5,9$$

$$2) \frac{29}{100} = 0,29; \quad 1\frac{9}{100} = 1,09; \quad 4\frac{27}{100} = 4,27$$

$$3) \frac{91}{1000} = 0,091; \quad \frac{247}{1000} = 0,247; \quad 6\frac{75}{1000} = 6,075$$

$$4) \frac{2009}{10000} = 0,2009; \quad \frac{247}{1000} = 0,247$$

3-misol. O'nli kasrlarni oddiy kasr yoki aralash son ko'rinishida yozing:

$$1) 0,7 = \frac{7}{10}; \quad 0,5 = \frac{5}{10}; \quad 0,01 = \frac{1}{100}; \quad 0,95 = \frac{95}{100}$$

$$2) 2,4 = 2\frac{4}{10}; 1,08 = 1\frac{8}{100}; 19,01 = 19\frac{1}{100}$$

8-misol. O'nli kasr shaklida yozing:

$$1) \frac{9}{100} = 0,09; \quad 1\frac{67}{100} = 1,67; \quad 10\frac{147}{1000} = 10,147$$

$$2) \frac{12}{100} = 0,12; \quad 1\frac{8}{100} = 1,08; \quad \frac{1}{1000} = 0,001$$

9-misol.

$$1) \frac{1}{5} = \frac{1*2}{5*2} = \frac{2}{10} = 0,2$$

$$2) \frac{5}{8} = \frac{5*5}{8*5} = \frac{25}{40} = \frac{25*25}{40*25} = \frac{625}{1000} = 0,625$$

$$3) \frac{4}{20} = \frac{20}{100} = 0,2$$

$$4) \frac{17}{5} = \frac{17 \cdot 20}{5 \cdot 20} = \frac{340}{100} = 3,4$$

$$5) \frac{9}{4} = \frac{9 \cdot 25}{4 \cdot 25} = \frac{225}{100} = 2,25$$

$$6) \frac{333}{250} = \frac{333 \cdot 4}{250 \cdot 4} = \frac{1332}{1000} = 1,332$$

BUMERANG USULI:

MUSTAQIL TOPSHIRIQ.

mazmuni	$\frac{7}{4}$	$\frac{8}{10}$	$\frac{4}{26}$	$4\frac{11}{9}$	0,161	7
O'nli kasr						
Oddiy kasr						
To'g'ri kasr						
Noto'g'ri kasr						
Aralash kasr						
Natural son						

Darsning yakuni: a) o'quvchilarni baholash;

b) vazifa:10-misol.