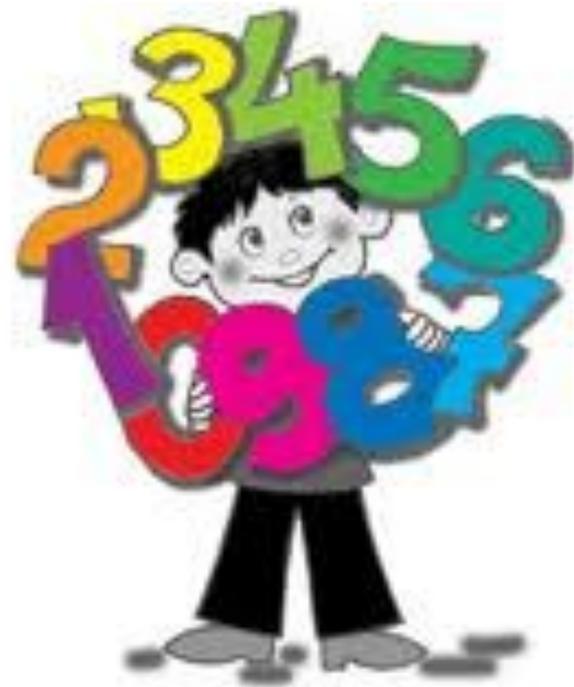
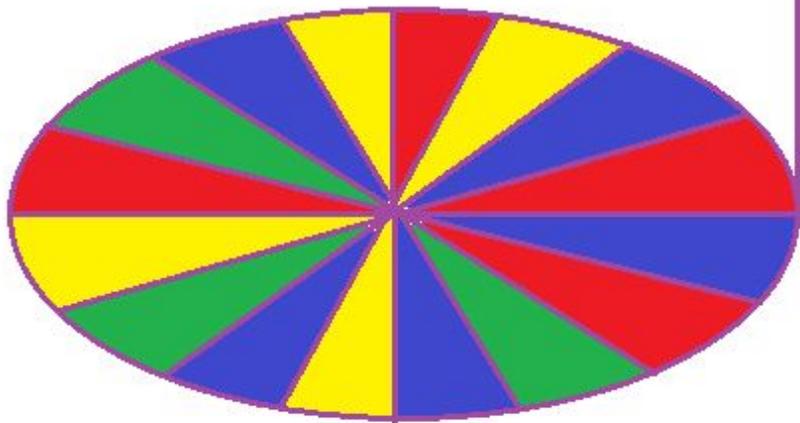


В мире музыки и дробей



Млдывлыэзаосложениерыюдфыш
ганшыгавычитаниеншгфншгрщш
ргийдробипыспанпгывукцисмтза
дачиибюадвлунвмммузыкарупакз
шпгкугтрочси нотыинвшгщшръеэ

Сложение вычитание дроби
задачи музыка ноты



$$\frac{5}{16}$$



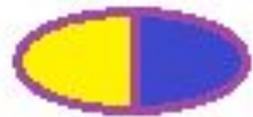
$$\frac{4}{16}$$



$$\frac{4}{16}$$



$$\frac{3}{16}$$



$$\frac{9}{16}$$

Алгоритм

Чтобы сложить (вычесть) дроби с разными знаменателями, надо:

1. Нахожу НОК этих дробей, он и будет их НОЗ;
2. Нахожу дополнительный множитель, т.е. делю НОЗ на знаменатели данных дробей;
3. Умножаю числитель и знаменатель каждой дроби на ее дополнительный множитель;
4. Складываю (вычитаю) числители дроби;
5. Оставляю знаменатель без изменений.

10

cantabile

p

mp

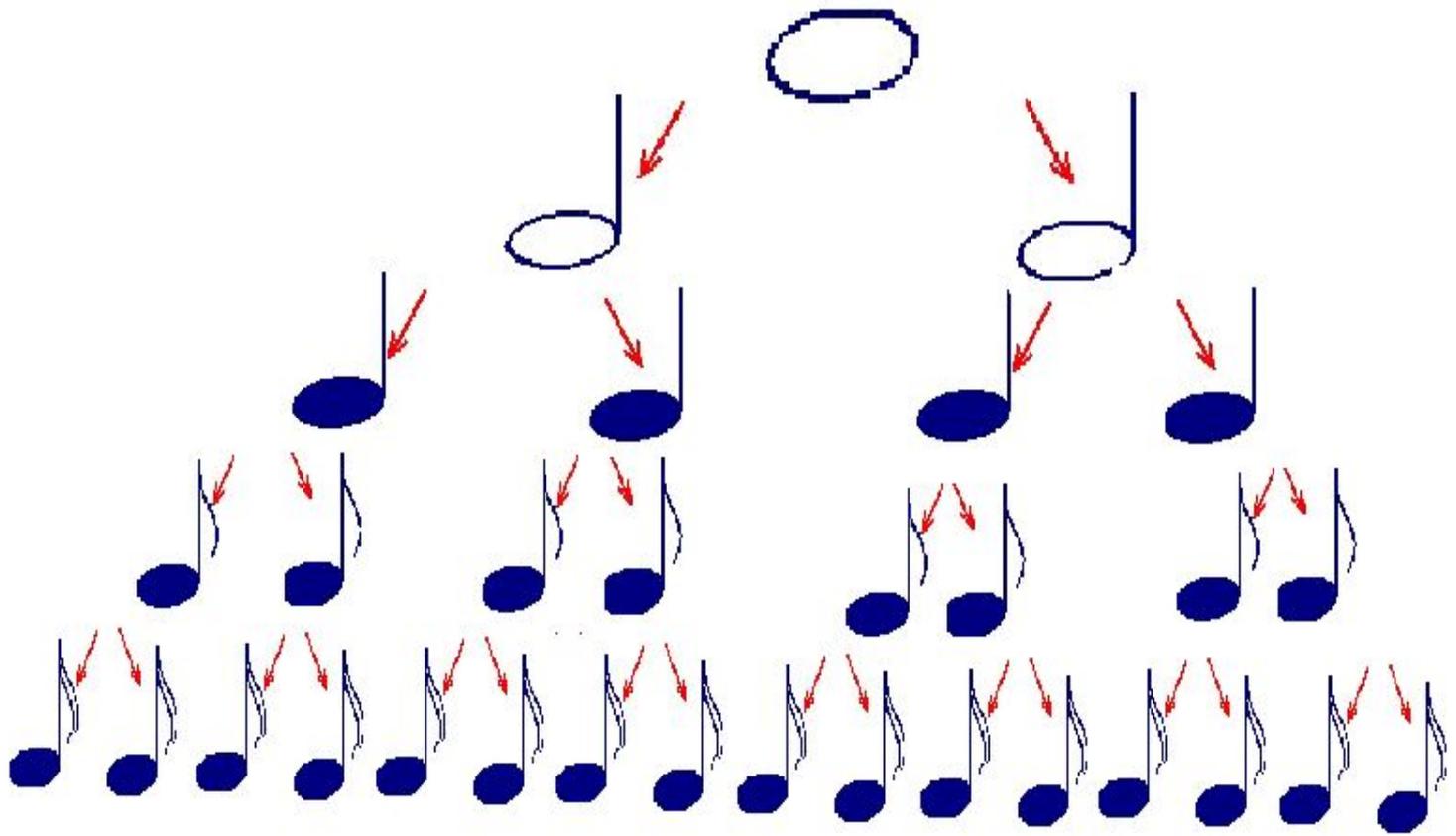
10

cantabile

p

mp

The image displays two systems of musical notation. Each system consists of two staves. The top staff of each system is in treble clef, and the bottom staff is in bass clef. Both systems are in the key of D major, indicated by two sharps (F# and C#). The first system is marked with a tempo of 10 and the instruction *cantabile*. The top staff features a melodic line with a long red slur over the first four measures, followed by a dynamic marking of *mp* and a hairpin crescendo. The bottom staff has a dynamic marking of *p* and contains a bass line with eighth-note patterns. The second system is also marked with a tempo of 10 and *cantabile*. It features a similar melodic line in the top staff with a red slur and a dynamic marking of *mp* with a hairpin crescendo. The bottom staff contains a bass line with eighth-note patterns, where the notes and stems are highlighted in red.





Целая - 1



Половинная $\frac{1}{2}$



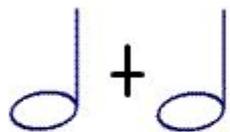
Четвертная $\frac{1}{4}$



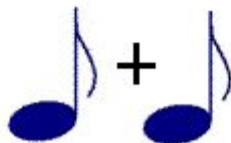
Восьмая $\frac{1}{8}$



Шестнадцатая $\frac{1}{16}$



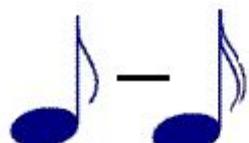
$$\frac{1}{2} + \frac{1}{2} = 1$$



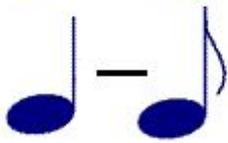
$$\frac{1}{8} + \frac{1}{8} = \frac{1}{4}$$



$$\frac{1}{4} + \frac{1}{8} + \frac{1}{8} = \frac{1}{2}$$



$$\frac{1}{8} - \frac{1}{16} = \frac{1}{16}$$



$$\frac{1}{4} - \frac{1}{8} = \frac{1}{8}$$

