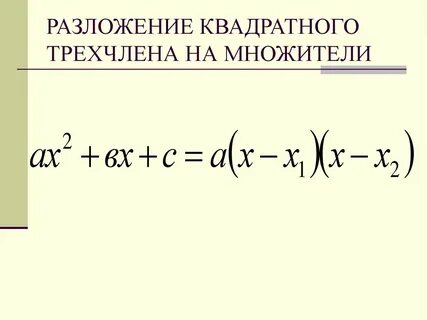
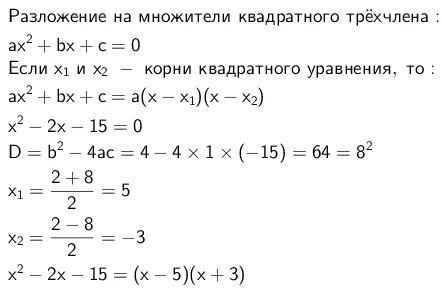
**Тема: «Разложение квадратного трехчлена. Сокращение дробей»**

**УП-22-1, УП-22-2 20.09.22**

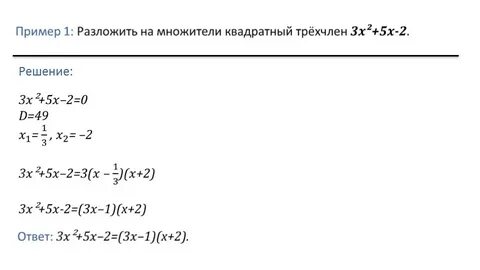
Формула разложения квадратного трехчлена на множители:

[](https://yandex.ru/images/search?pos=1&img_url=http://cf2.ppt-online.org/files2/slide/c/CWDZqEldujKtRg2IMP3SBcioa09XmbAUHTL1vs8pe/slide-7.jpg&text=%D1%80%D0%B0%D0%B7%D0%BB%D0%BE%D0%B6%D0%B5%D0%BD%D0%B8%D0%B5+%D0%BA%D0%B2%D0%B0%D0%B4%D1%80%D0%B0%D1%82%D0%BD%D0%BE%D0%B3%D0%BE+%D1%82%D1%80%D0%B5%D1%85%D1%87%D0%BB%D0%B5%D0%BD%D0%B0+%D0%BD%D0%B0+%D0%BC%D0%BD%D0%BE%D0%B6%D0%B8%D1%82%D0%B5%D0%BB%D0%B8&lr=50&rpt=simage&source=wiz&noreask=1)

Пример 1:

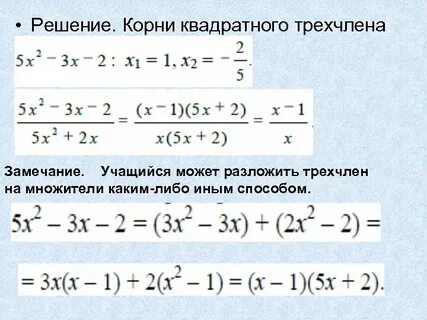
[](https://yandex.ru/images/search?pos=12&img_url=http://ru-static.z-dn.net/files/d07/aa60d0d6c86bf7e6fed4908c097508ae.png&text=%D1%80%D0%B0%D0%B7%D0%BB%D0%BE%D0%B6%D0%B5%D0%BD%D0%B8%D0%B5+%D0%BA%D0%B2%D0%B0%D0%B4%D1%80%D0%B0%D1%82%D0%BD%D0%BE%D0%B3%D0%BE+%D1%82%D1%80%D0%B5%D1%85%D1%87%D0%BB%D0%B5%D0%BD%D0%B0+%D0%BD%D0%B0+%D0%BC%D0%BD%D0%BE%D0%B6%D0%B8%D1%82%D0%B5%D0%BB%D0%B8&lr=50&rpt=simage&source=wiz&noreask=1)

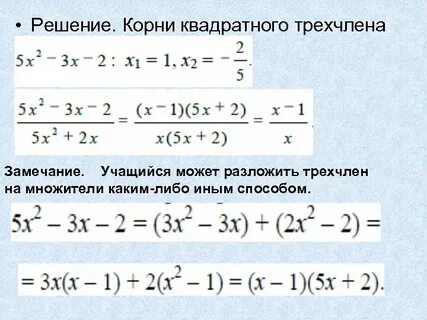
Пример 2:

[](https://yandex.ru/images/search?pos=19&img_url=http://fs00.urokimatematiki.ru/jpg/Razlozhenie_kvadratnogo_trehchlena_na_mnozhiteli_9.6.jpg&text=%D1%80%D0%B0%D0%B7%D0%BB%D0%BE%D0%B6%D0%B5%D0%BD%D0%B8%D0%B5+%D0%BA%D0%B2%D0%B0%D0%B4%D1%80%D0%B0%D1%82%D0%BD%D0%BE%D0%B3%D0%BE+%D1%82%D1%80%D0%B5%D1%85%D1%87%D0%BB%D0%B5%D0%BD%D0%B0+%D0%BD%D0%B0+%D0%BC%D0%BD%D0%BE%D0%B6%D0%B8%D1%82%D0%B5%D0%BB%D0%B8&lr=50&rpt=simage&source=wiz&noreask=1)

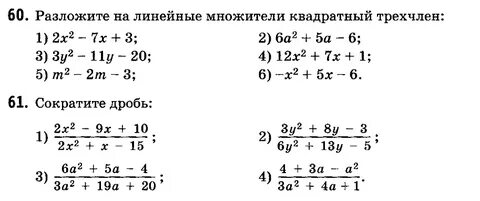
**Разложение квадратного трехчлена используется для сокращения дробей:**

Пример 3:

**[](https://yandex.ru/images/search?p=8&source=wiz&text=%D1%80%D0%B0%D0%B7%D0%BB%D0%BE%D0%B6%D0%B5%D0%BD%D0%B8%D0%B5+%D0%BA%D0%B2%D0%B0%D0%B4%D1%80%D0%B0%D1%82%D0%BD%D0%BE%D0%B3%D0%BE+%D1%82%D1%80%D0%B5%D1%85%D1%87%D0%BB%D0%B5%D0%BD%D0%B0+%D0%BD%D0%B0+%D0%BC%D0%BD%D0%BE%D0%B6%D0%B8%D1%82%D0%B5%D0%BB%D0%B8&pos=266&noreask=1&rpt=simage&img_url=http://present5.com/presentation/3901cc5261ce6834817a5b7b0de2d1ad/image-28.jpg&lr=50)**

**[](https://yandex.ru/images/search?p=8&source=wiz&text=%D1%80%D0%B0%D0%B7%D0%BB%D0%BE%D0%B6%D0%B5%D0%BD%D0%B8%D0%B5+%D0%BA%D0%B2%D0%B0%D0%B4%D1%80%D0%B0%D1%82%D0%BD%D0%BE%D0%B3%D0%BE+%D1%82%D1%80%D0%B5%D1%85%D1%87%D0%BB%D0%B5%D0%BD%D0%B0+%D0%BD%D0%B0+%D0%BC%D0%BD%D0%BE%D0%B6%D0%B8%D1%82%D0%B5%D0%BB%D0%B8&pos=266&noreask=1&rpt=simage&img_url=http://present5.com/presentation/3901cc5261ce6834817a5b7b0de2d1ad/image-28.jpg&lr=50)**

**Домашнее задание**

[](https://yandex.ru/images/search?p=4&source=wiz&text=%D1%80%D0%B0%D0%B7%D0%BB%D0%BE%D0%B6%D0%B5%D0%BD%D0%B8%D0%B5+%D0%BA%D0%B2%D0%B0%D0%B4%D1%80%D0%B0%D1%82%D0%BD%D0%BE%D0%B3%D0%BE+%D1%82%D1%80%D0%B5%D1%85%D1%87%D0%BB%D0%B5%D0%BD%D0%B0+%D0%BD%D0%B0+%D0%BC%D0%BD%D0%BE%D0%B6%D0%B8%D1%82%D0%B5%D0%BB%D0%B8&pos=143&noreask=1&rpt=simage&img_url=http://fsd.videouroki.net/html/2019/09/21/v_5d8623ea809e3/99736316_16.png&lr=50)