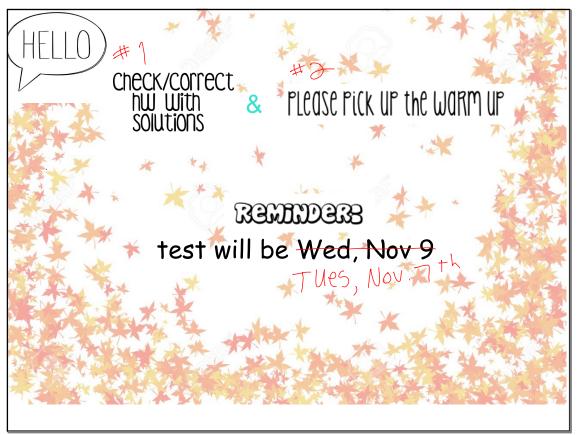
d November 01, 2017

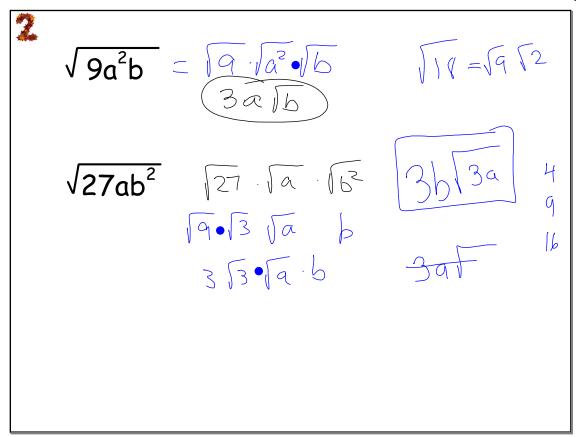


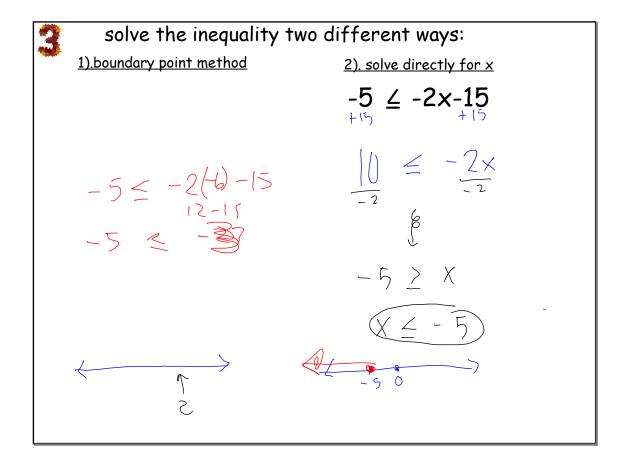
$$\frac{2a \cdot a^{2}}{(a+3)a^{2}} + \frac{(a)1(a+3)}{(a)a(a+3)} + \frac{2(a+3)}{a^{2}(a+3)}$$

$$\frac{2a^{3} + a^{2} + 3a + 2a + 6}{a^{2}(a+3)}$$

$$\frac{2a^{3} + a^{2} + 3a + 2a + 6}{a^{2}(a+3)}$$

$$\frac{2a^{3} + a^{2} + 3a + 2a + 6}{a^{2}(a+3)}$$





$$-5 \leq -2x-15$$

$$5 = -2x - 15$$

6.6 boundary point x=3  $-5 \le -2-15$ 

$$-F_{j} \leq -2(1)-15$$

$$-5 \leq -17$$

$$false$$

Add & Subtract

## Rational

**Expressions** 

a different process than + or -

$$\frac{x}{(x-5)} + \frac{2x^2-2}{(x-5)(3x+1)}$$
heed common denom.
$$\frac{x}{(x-5)} + 2x^2-2$$

$$\frac{x}{(x-$$

$$\frac{x}{3x+1}$$
 +  $\frac{2x^2-2}{(x-5)(3x+1)}$ 

$$\frac{3x^{2}-5x-2}{(x^{2}-5)(3x+1)}$$

$$\frac{3x^{2}-5x-2}{(x^{2}-5)(3x+1)}$$

$$\frac{3x^{2}-5x-2}{3x^{2}|x}$$

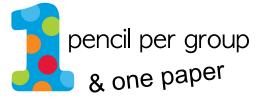
$$\frac{3x^{2}|x}{|x-6x|}$$

$$\frac{(3x+1)(x-2)}{(x-5)(3x+1)}$$

$$\frac{3x^{2}-5x-2}{(x^{\bullet}-5)(3x+1)}$$

$$\frac{(3\times+1)(\times-2)}{(\times-5)(3\times+1)}$$





## sweet Potate

person with pencil = writer

team members = explainers, you must tell the writer exactly how to complete a step.

the writer only writes what the team tells them to write.

the teacher will tell you when to switch writers

the new writer then starts where the last one finished and only doing what the rest of the team says.

then switch again when the teacher says, and continue with the process above.

$$\frac{9-3x}{(x+3)(x-3)} + \frac{2x}{x+3}$$

$$\frac{9-3x}{(x+3)(x-3)} + \frac{2x}{x+3}$$

$$\frac{-3(x-3)}{(x+3)(x-3)} + \frac{2x}{x+3}$$

$$\frac{-3}{(x+3)} + \frac{2x}{x+3}$$

$$\frac{-3}{(x+3)} + \frac{2x}{x+3}$$

$$\frac{-3}{(x+3)} + \frac{2x}{x+3}$$

$$\frac{2x-3}{x+3}$$

$$\frac{2x-3}{x+3}$$

$$\frac{2x-1}{3x^2+13x+4} + \frac{x+3}{x^2-3x-28}$$

$$\frac{2x-1}{3x^2+13x+4} + \frac{x+3}{x^2-3x-28} FACTOR FIRST$$

$$\frac{2x-1}{(x+4)(3x+1)} + \frac{x+3}{(x-7)(x+4)}$$

$$\frac{2x-1}{(x+4)(3x+1)} + \frac{(x+3)}{(x-7)(x+4)}$$

$$\frac{2x-1}{(x-7)(x+4)} + \frac{(x+3)}{(x-7)(x+4)}$$

$$\frac{(x+4)(3x+1)}{(x-7)(x+4)} + \frac{(x+3)}{(x-7)(x+4)}$$

$$\frac{(x+4)(3x+1)}{(x-7)(x+4)} + \frac{(x+3)(3x+1)}{(x-7)(x+4)}$$

$$\frac{(x-7)(x+4)(3x+1)}{(x-7)(x+4)(3x+1)}$$

$$\frac{2x^{2}-(15x)+7+(3x^{2}+(10x)+3)}{(x-7)(x+4)(3x+1)}$$

$$\frac{5x^{2}-5x+10}{(x-7)(x+4)(3x+1)}$$

Assignment

3 ... 103, 104cd, 105, 106, 107ab, 108, 109

GREAT JOB TODAY! if you want extra practice with multiplying/ dividing ... then do 104 and 107cd