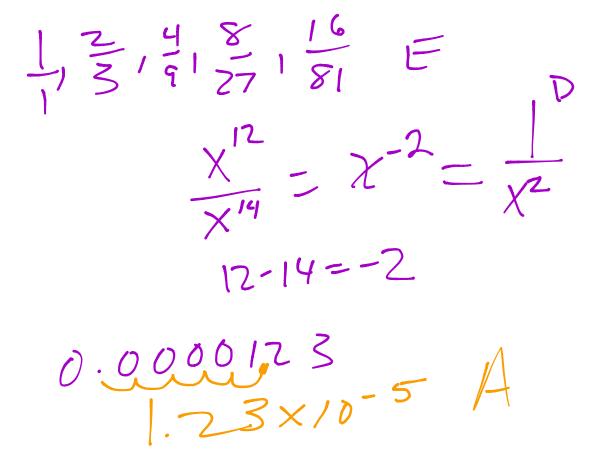
Please have your homework on your desk. Work on bellwork #8 alone.

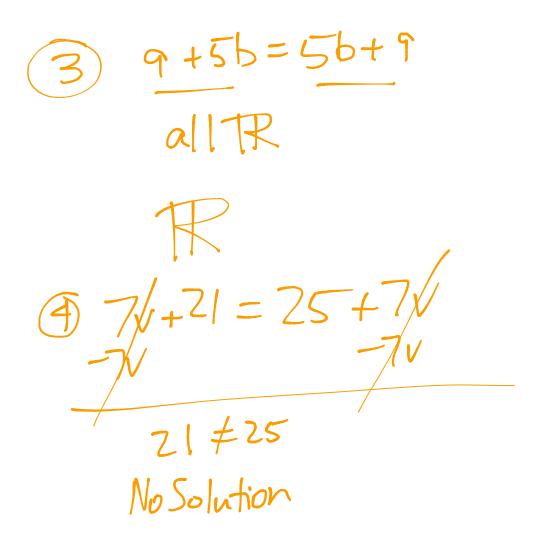
Today's Essential Question: how do I solve absolute value equations?

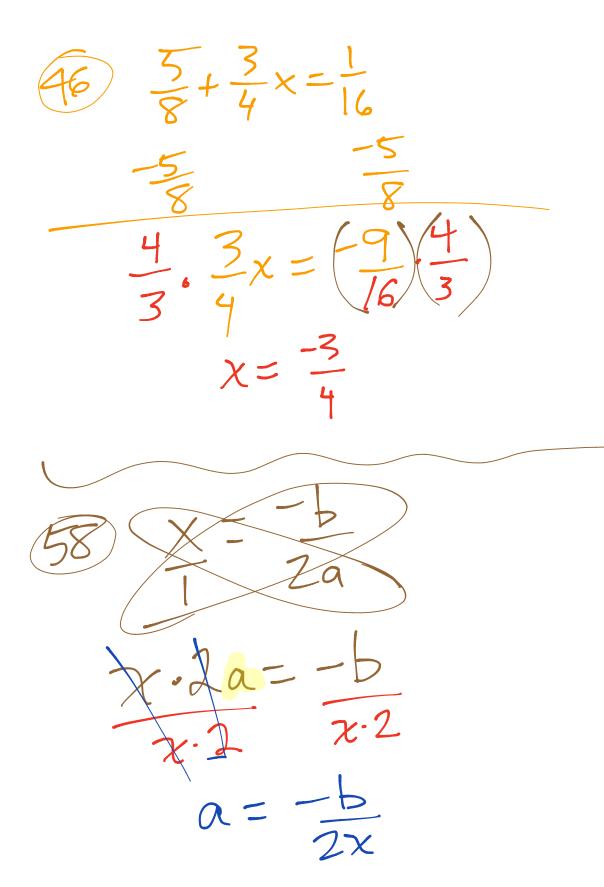
Homework: p. 30: 17-47 odd

Summative quiz Thursday over 1.3 and 1.4. Chapter 1 test next Tuesday. (Everything except section 1.6)



20) 10n+7 $\overline{22}$ - $6n^3$ (27) 2(n+8) $(n-7)^{5}$ 323632-526860 Twice a number phis 3 15-1. 32 3 times the cube of a number isequel to the # plus A. (42) 8 (46) -3 (50) $\frac{2}{3}$ 44 2.5 28 -11 52 -12 $58 a = \frac{-b}{b} \qquad 60 \frac{2A}{b} - a = b$ 7.X





2A = h(a+b)h 2A-atb 2A - a =

Different :

 $A = \frac{1}{2}h(a+b)$ $A = \pm ha + \pm hb$ $A - \frac{1}{2}ha = \frac{1}{2}hb$ $\begin{array}{c} A - \frac{1}{2}ha \\ \hline \frac{1}{2}h \end{array} = b \end{array}$

9/2 tow do I solve absolute Value equations? ? = 8 8=8 1-8=8 $\mathcal{E}_{X-1}|_{X+1}|_{=}$ X+1=8 Xt1=-8 $\gamma = -9$ 7-1 |-9+1| = 8.7|-8| = 8.7Check: |7+1| = 8

Ex. Solve regative |X+6| = 3x-2x+6=-3x+2 X+6=3x-2 +3× +3× -3x -3x 4x + 6 = 2-2x+6=-2-6-6 -6 -6 4x= -4 -2x = -8 $\chi = -1$ 7-1-6 = 3-1-2 x=4 Check: 4+6 = 3.4-2 5 -3-2 10=12-2 5 = -5 10=10 X=- | does not x=4 Works! work

