

Stew Mills

121-G11

Explore Website.

Chug on Homework

Stay ahead of schedule, if possible.

Leave yourself 2-3 days of practicing tests.

$$\frac{1}{w-3} - \frac{3}{4w-12} = \frac{1}{4w-12}$$

$$\frac{4}{4} \left(\frac{1}{w-3} \right) - \frac{3}{4w-12} = \frac{1}{4w-12}$$

$$\frac{4}{LCD} - \frac{3}{LCD} = \frac{1}{LCD} \Rightarrow 4-3=1$$

$$\frac{1}{LCD} = \frac{1}{LCD} \Rightarrow 1=1 \quad \text{True!}$$

IDENTITY True $\forall x$ in Domain.

\hookrightarrow for all.

Domain of the problem is ...

$\frac{\text{STUFF}}{0} \nexists$, and $w=3$ makes
Does not exist. $\frac{\text{STUFF}}{0}$

$$\text{Domain} = \{w \mid w \neq 3\}$$

$$= (-\infty, 3) \cup (3, \infty)$$

$$\frac{\text{STUFF}}{4(3)-12} = \frac{\text{stuff}}{0}$$

$x + 0 = x$. 0 is ONLY \neq like that, if x is real.

$$\infty + 7 = \infty$$

$$\frac{\frac{2x+5}{x-3}}{\frac{9x-37}{5\sqrt{x}+11}}$$

Ditch the ruled
paper.

Try it. You'll
like.
