11:12

Key

Show all your work. No credit is given without reasonable supporting work. There are two sides to this quiz.

1. [3] ($\S A.3 \# 58 \& Fraction Wks \# 1$) Simplify the following

$$\frac{2-\frac{2}{x}}{1+x} \times \frac{2}{1-\frac{2}{x}} = \frac{2}{x} \cdot \frac{2}{x$$

2. [2] (WebHW1 #9) Perform

$$\frac{x}{x^2 - 9x + 8} - \frac{2}{2x - 16}$$

(B) Common den

(15) legal alg

$$\frac{2}{3} \frac{x}{(x-8)(x-1)} = \frac{2}{3(x-8)} \frac{(x-1)}{(x-1)}$$

$$\frac{2x}{3(x-8)(x-1)} = \frac{2(x-1)}{3(x-8)(x-1)}$$

4.50 ×

$$3(x-3(x-1))$$
 or $3(x-3x+3)$
or $3(x-8)(x-1)$
or $3(x-8)(x-1)$
 $3(x-8)(x-1)$



