

Please go straight into your groups and discuss homework.
Write the number of any problem problems on the
chalkboard.

Please leave space
between groups.

$$\textcircled{23} \quad \frac{b-4}{b-2} = \frac{b-2}{b+2} + \frac{1}{b-2}$$

$$b \neq 2, -2$$

$$\frac{b-4}{b-2} - \frac{1}{b-2} = \frac{b-2}{b+2}$$

$$\frac{b-5}{b-2} = \frac{b-2}{b+2}$$

$$(b+2)(b-5) = (b-2)(b-2)$$

$$\cancel{b^2} - 3b - 10 = \cancel{b^2} - 4b + 4$$

$+4b \quad +10 \qquad \qquad +4b \quad +10$

$$b = 14$$

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