Name: ..... Class: .....

Inequalities with addition and subtraction of like and unlike fractions

Which sign makes the sentence true? Complete with >, = or <.

$\frac{2}{11} + \frac{1}{33}$ ☐ $\frac{2}{15} + \frac{1}{30}$

$\frac{4}{9} - \frac{1}{5}$ ☐ $\frac{11}{45}$

$\frac{3}{10} + \frac{5}{17}$ ☐ $\frac{6}{22} + \frac{7}{11}$

$\frac{7}{13} + \frac{14}{13}$ ☐ $\frac{21}{13}$

$\frac{11}{17} - \frac{7}{17}$ ☐ $\frac{17}{17} - \frac{13}{17}$

$\frac{18}{28} - \frac{2}{28}$ ☐ $\frac{20}{32} - \frac{5}{32}$

$\frac{8}{10} - \frac{2}{3}$ ☐ $\frac{9}{5} - \frac{5}{9}$

$\frac{2}{5} + \frac{1}{12}$ ☐ $\frac{4}{10} + \frac{1}{10}$

Solution

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$\frac{3}{10} + \frac{5}{17}$ **<** $\frac{6}{22} + \frac{7}{11}$

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$\frac{18}{28} - \frac{2}{28}$ **>** $\frac{20}{32} - \frac{5}{32}$

$\frac{8}{10} - \frac{2}{3}$ **<** $\frac{9}{5} - \frac{5}{9}$

$\frac{2}{5} + \frac{1}{12}$ **<** $\frac{4}{10} + \frac{1}{10}$