

Add Mixed Numbers With Unlike Denominators

Show Your Work

1. Denise baked $2\frac{1}{2}$ trays of sugar cookies and $1\frac{3}{4}$ trays of peanut butter cookies. How many trays of cookies did she bake in all?
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2. Denise also baked $2\frac{1}{4}$ trays of chocolate chip cookies and $1\frac{1}{2}$ trays of oatmeal raisin cookies. Including the trays in Problem 1, how many trays did she bake altogether?
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3. Suppose that Denise had doubled the number of trays of chocolate chip and oatmeal raisin cookies she baked. How many trays of cookies would she have baked?
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4. Before baking the cookies, Denise spent $2\frac{1}{2}$ hours doing laundry, $1\frac{5}{12}$ hours cleaning the house, and $1\frac{1}{4}$ hours grocery shopping. How many hours did Denise spend on these activities in all? Write your answer in simplest form.
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