

Subtract Mixed Numbers With Unlike Denominators

Show Your Work

1. Bud bought a new door that is $31\frac{1}{4}$ inches wide. A door wider than $29\frac{1}{2}$ inches wide will not fit in his doorframe. How many inches of the new door will Bud have to remove?
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2. The new door he bought is $75\frac{1}{8}$ inches tall. How many inches taller is the door than it is wide?
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3. Bart computed $8\frac{5}{7} - 4\frac{6}{7}$ and found $4\frac{6}{7}$. Explain what Bart's mistake was. Then tell the correct answer.
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4. Bud worked $17\frac{3}{4}$ hours doing odd jobs this week. He worked $36\frac{1}{2}$ hours at his regular job. How many more hours did he work at his regular job than doing odd jobs? Explain how you found your answer.
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