LATEX PRACTICE

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Math AoPS

6.4.3)

a.

$\frac{63}{a} = \frac{30}{100}$; $\frac{a}{63} = \frac{100}{30}$

$a = 63 \times \frac{10}{3} = 21 \times 3 \times \frac{10}{3} = 21 \times 10 = 210$

b.

$\frac{125}{b} = \frac{75}{100}$; $\frac{b}{125} = \frac{4}{3}$

$b = 125 \times \frac{4}{3} = \frac{500}{3}$