Simplifying Ratios that have Different Units

Express 45¢ as a ratio of $2.25
Convert the larger unit to the smaller unit
45c : 225c
Reduce by dividing by the H.C.F.
45 ÷45: 225 ÷45
1 : 5

Express ½ hour as a ratio of 50 minutes
Convert the larger unit to the smaller unit
30 minutes : 50 minutes
Reduce by dividing by the H.C.F.
30 ÷10: 50 ÷10
3 : 5

1. Express 400 milliliters as a ratio of 2 liters _____
   Write this ratio in its simplest form _____
2. Express 75c as a ratio to $3.75 _____
   Write this ratio in its simplest form _____
3. Express 125 grams as a ratio of 1 kilogram _____
   Write this ratio in its simplest form _____
4. Express 30 minutes as a ratio of 2 ½ hours _____
   Write this ratio in its simplest form _____
5. Express 60 centimeters as a ratio of 2.4 meters _____
   Write this ratio in its simplest form _____
6. Express 40 ounces as a ratio to 6 cups _____
   Write this ratio in its simplest form _____
7. Express 18 inches as a ratio of 4 ½ feet _____
   Write this ratio in its simplest form _____
8. Express 24 ounces as a ratio to 3 pounds _____
   Write this ratio in its simplest form _____
9. Express 200 meters as a ratio of ½ kilometer _____
   Write this ratio in its simplest form _____
10. Express 42 hours as a ratio of 4 days _____
    Write this ratio in its simplest form _____
11. Express ½ quart as a ratio of 6 gallons _____
    Write this ratio in its simplest form _____
12. Express 6 days as a ratio of 8 weeks _____
    Write this ratio in its simplest form _____

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