

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.
 $45 \div 45 : 225 \div 45$
 $1 : 5$

Express $\frac{1}{2}$ hour as a ratio of 50 minutes
Convert the larger unit to the smaller unit
 $30 \text{ minutes} : 50 \text{ minutes}$
Reduce by dividing by the H.C.F.
 $30 \div 10 : 50 \div 10$
 $3 : 5$

1. Express 400 milliliters as a ratio of 2 liters _____
Write this ratio in its simplest form _____
2. Express 75¢ 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 $2 \frac{1}{2}$ 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 $4 \frac{1}{2}$ 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 $\frac{1}{2}$ 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 $\frac{1}{2}$ 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 _____