Converting Metric Units of Mass

Convert each unit of measurement.

1. 15,000 g = □□□□□ kg
2. 285 kg = □□□□□ g
3. 5,000 mg = □□□□□ g
4. 7,000 g = □□□□□ kg
5. 490,000 g = □□□□□ kg
6. 648 g = □□□□□ mg

7. Order the following masses from least to greatest:
   500 g, 50 kg, 5,000 mg

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Compare. Use <, >, or =.

8. 55,000 mg □ 5 kg
9. 20 g □ 2 kg
10. 11 g □ 1,100 mg
11. 4,000 mg □ 4 g

12. What is the value of x? 40,000 mg = 10x g
    
    A 400 B 40 C 4 D 0.4

13. A recipe that serves two people calls for 1,600 milligrams of baking soda. You want to make enough for 10 people. How much baking soda will you need, in grams?

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14. You want to convert 1 kilogram to milligrams. You already know that 1 kilogram = 1,000 grams. Explain how knowing that 1 gram = 1,000 milligrams can help you.

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