

**PROBLEM-SOLVING SKILL****P 10-13**

# Extra or Missing Information

Decide if each problem has extra or missing information. Solve if you have enough information.

The table shows an estimate of the world's population in various years.

World Population	Year
600,000,000	1700
900,000,000	1800
1,500,000,000	1900
6,000,000,000	2000

1. As a percentage, about how many more people were there in the year 2000 than in the year 1600?

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2. The world's population will increase in the future. During which 100-year period did the world's population increase the most?

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3. Wendi is making a wooden box to store her trading cards. She has about 1,000 trading cards. The box will have 4 compartments. The base will be 10 in. wide. What is the area of the base?

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4. The circumference of the front wheel on Mike's bike is 50.24 in. Mike's bike is red and has a new seat. What is the area of the front wheel of the bike?

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5. Kylie works in a bakery. There are rectangular and circular baking pans. Of the circular baking pans, there are three sizes: large, medium, and small. The diameter of the small baking pan is 8 in. and the diameter of the medium baking pan is 10 in. What is the circumference of the large baking pan?

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