Problem Solving Skill: Too Much/Too Little Information

Decide if the problem has too much or too little information. Then solve the problem if possible.

1. There are 90 rocks in Joe’s box. He has 45 different kinds of rocks in his box. The box is 12 inches long, 6 inches wide, and 4 inches high. What is the volume of the box of rocks?

2. Klamo likes to take pictures of animals in her backyard. She has over 100 pictures of animals. She keeps her pictures in a box that is 1 foot high. What is the volume of the box?

3. Spencer puts corn from his garden into wooden boxes. Each box contains 30 ears of corn. Each box is 2 meters long and 1 meter wide. What is the volume of the wooden box?

4. A cereal box weighs 1 pound. It is 12 inches high, 6 inches long, and 2 inches wide. What is the volume of the cereal box?

Mixed Review

Find the area and perimeter of each.

5. 16 ft
   9 ft

6. 9 cm
   4 cm

7. 18 mi
   23 mi
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1. There are 90 rocks in Joe’s box. He has 45 different kinds of rocks in his box. The box is 12 inches long, 6 inches wide, and 4 inches high. What is the volume of the box of rocks?

   too much information: 288 cubic in.

2. Klamo likes to take pictures of animals in her backyard. She has over 100 pictures of animals. She keeps her pictures in a box that is 1 foot high. What is the volume of the box?

   too little information

3. Spencer puts corn from his garden into wooden boxes. Each box contains 30 ears of corn. Each box is 2 meters long and 1 meter wide. What is the volume of the wooden box?

   too little information

4. A cereal box weighs 1 pound. It is 12 inches high, 6 inches long, and 2 inches wide. What is the volume of the cereal box?

   too much information: 144 cubic in.

Mixed Review

Find the area and perimeter of each.

<table>
<thead>
<tr>
<th>5.</th>
<th>6.</th>
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<tbody>
<tr>
<td><img src="image1" alt="Rectangle 16 ft x 9 ft" /></td>
<td><img src="image2" alt="Rectangle 9 cm x 4 cm" /></td>
<td><img src="image3" alt="Rectangle 18 mi x 23 mi" /></td>
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144 sq ft; 50 ft  
36 sq cm; 26 cm  
414 sq mi; 82 mi