1. On a house, why might a pyramid-shaped roof be better than a flat roof?

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2. List two reasons why cereal bowls are not shaped like cones.

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3. If you had some clay, would it be easier to form it into a sphere or a pyramid? Explain.

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4. Explain why most sports are played with spherical balls.

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5. Is a dollar bill truly shaped like a rectangle or a rectangular prism? Explain.

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Thinking About Solids

1. On a house, why might a pyramid-shaped roof be better than a flat roof?

   A pyrimid-shaped roof would allow water to run off of it more quickly. It can also reduce snow buildup.

2. List two reasons why cereal bowls are not shaped like cones.

3. If you had some clay, would it be easier to form it into a sphere or a pyramid? Explain.

4. Explain why most sports are played with spherical balls.

5. Is a dollar bill truly shaped like a rectangle or a rectangular prism? Explain.

   A dollar bill is a rectangular prism. Even though it is relatively flat, it still has a measurable thickness.