Nets

This net can be folded to make a cube.

1. Which of the three nets below can be folded to make the exact same cube? ________

B.  

C.  

D.  

2. If you switched the $\bullet$ and $\perp$ symbols in net A, then which net could be folded to make the exact same cube? How do you know?

The cubes below were made by folding net B. Draw the missing symbols.

3.  

4.  

5.  

6.  

7. Extend It How many different ways can you complete the cube with missing symbols in exercise 6? Explain how you know.
Nets

This net can be folded to make a cube.

A.

1. Which of the three nets below can be folded to make the exact same cube?  

   A.  
   B.  
   C.  
   D.

2. If you switched the and symbols in net A, then which net could be folded to make the exact same cube? How do you know?

   Sample answer: Net C because it is the same as net A except 2 faces are switched.

The cubes below were made by folding net B. Draw the missing symbols.

3.  
4.  
5.  
6.

   Possible answer shown for exercise 6.

7. **Extend It** How many different ways can you complete the cube with missing symbols in exercise 6? Explain how you know.

   There are 4 other ways to complete the cube because the face shown borders 4 other faces.