Answer the following questions:

1. Explain in your own words how public key encryption is not symmetric.

**Answer**

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| **Public key encryption is not symmetric because it uses different keys for encrypt and decrypt.** |

2. Cryptography relies on open standards - a protocol or standard that is publicly available. Why are open standards necessary?

**Answer**

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| **Open standards are necessary because without them the internet would be inconsistent and nothing would use the same programs or protocols.** |