

For the following use any operations defined in [the script reference](#), even if disabled.

Exercise 1

1. Write a scriptPubkey that can be unlocked by anyone who supplies a SHA1 preimage of 296815e8409b73ebf0da296815e8409b73ebf0da.

Exercise 2

1. Write a scriptPubkey that can be unlocked by anyone who supplies the square root of 1764.
2. Write a corresponding scriptSig to unlock it.