

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.

```
OP_SHA1
296815e8409b73ebf0da296815e8409b73ebf0da
OP_EQUAL    // no VERIFY -- needs to leave true on the stack
```

### Exercise 2

1. Write a scriptPubkey that can be unlocked by anyone who supplies the square root of 1764.

```
OP_DUP
OP_MUL
1764
OP_EQUAL
```

2. Write a corresponding scriptSig to unlock it.

```
42
```