```
> for i from 1 to 20 do if isprime(16*i+9) then print(16*i+9); fi;
  od;
```

41
73
89
137
233
281
313 (1)

```
> p:=73; (p-1)/8; with(numtheory):
  for c from 1 to 10 do if jacobi(c,p)=-1 then print(c); fi;od;
```

$p := 73$
9
5
7
10 (2)

```
> c := 5; c &^ ((p-1)/2) mod p;
```

$c := 5$
72 (3)

```
> a := 17^2 mod p;
```

$a := 70$ (4)

```
> a &^ ((p-1)/4) * c &^ ((p-1)/2) mod p;
```

1 (5)

```
> a &^ ((p+7)/16) * c &^ ((p-1)/8 + (p-1)/4) mod p;
```

17 (6)

```
>
```