CZ circuit

Represent the following circuit expressed using the Qiskit notation in Quirk (https://algassert.com/quirk) and answer the questions in this form.

```
from qiskit import QuantumRegister, ClassicalRegister, QuantumCircuit

qreg_q = QuantumRegister(10, 'q')
creg_c = ClassicalRegister(4, 'c')
circuit = QuantumCircuit(qreg_q, creg_c)

circuit.cx(qreg_q[1], qreg_q[5])
circuit.h(qreg_q[8])
circuit.h(qreg_q[7])
circuit.ch(qreg_q[8], qreg_q[3])
circuit.ch(qreg_q[3], qreg_q[0])
circuit.cx(qreg_q[8], qreg_q[9])
circuit.ch(qreg_q[7], qreg_q[5])
circuit.cy(qreg_q[6], qreg_q[1])
circuit.ch(qreg_q[9], qreg_q[7])
circuit.cy(qreg_q[6], qreg_q[1])
circuit.swap(qreg_q[0], qreg_q[2])
circuit.cs(qreg_q[1], qreg_q[3])
circuit.cz(qreg_q[6], qreg_q[3])
circuit.cs(qreg_q[0], qreg_q[1])
circuit.cx(qreg_q[3], qreg_q[6])
circuit.swap(qreg_q[3], qreg_q[8])
circuit.measure(qreg_q[1], creg_c[3])
circuit.measure(qreg_q[8], creg_c[3])
circuit.ch(qreg_q[5], qreg_q[3])
circuit.measure(qreg_q[7], creg_c[3])
circuit.cz(qreg_q[4], qreg_q[8])
```

* Indica que la pregunta es obligatoria

1. Enter your experimental ID *

2. Which is the percentage value of mag^2 for the state 0 (decimal)? (e.g., 32.7) *

3. Which is the percentage value of mag^2 for the state 128 (decimal)? (e.g., 32.7) *

4. Which is the percentage value of mag^2 for the state 164 (decimal)>? (e.g., 32.7) *

5. Which is the percentage value of mag^2 for the state 367 (decimal)? (e.g., 32.7) *

6. Which is the percentage value of mag^2 for the state 516 (decimal)? (e.g., 32.7) *

7. Which is the percentage value of mag^2 for the state 552 (decimal)? (e.g., 32.7) *

8. Which is the percentage value of mag^2 for the state 752 (decimal)? (e.g., 32.7) *

9. Which is the percentage value of mag^2 for the state 844 (decimal)? (e.g., 32.7) *

10. Copy the code of the circuit created (Export button, then 'Copy to clipboard' under 'Escaped Link') *