

Multi-H 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
```

```
from numpy import pi
```

```
qreg_q = QuantumRegister(3, 'q')  
creg_c = ClassicalRegister(3, 'c')  
circuit = QuantumCircuit(qreg_q, creg_c)
```

```
circuit.h(qreg_q[0])  
circuit.h(qreg_q[1])  
circuit.h(qreg_q[2])  
circuit.ch(qreg_q[0], qreg_q[1])  
circuit.ch(qreg_q[1], qreg_q[2])  
circuit.h(qreg_q[2])
```

** Indica que la pregunta es obligatoria*

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

2. Which is the percentage value of mag^2 for the state 1 (decimal)? (e.g., 32.7) *

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

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

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

*

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