

Question 1: nMOS Transistors Fill in the blanks.

Figure 1: nmos transistor

- 1.1. Acts as a(n) _____ (open/closed) switch when the gate voltage (V_g) is low.
- 1.2. Meaning that current _____ (can/cannot) flow between source and drain.
- 1.3. Acts as a(n) _____ (open/closed) switch when the gate voltage (V_g) is high.
- 1.4. Meaning that current _____ (can/cannot) flow between source and drain.

Question 2: pMOS Transistors Fill in the blanks.

Figure 2: nmos transistor

- 2.1. Acts as a(n) _____ (open/closed) switch when the gate voltage (V_g) is low.
- 2.2. Meaning that current _____ (can/cannot) flow between source and drain.
- 2.3. Acts as a(n) _____ (open/closed) switch when the gate voltage (V_g) is high.
- 2.4. Meaning that current _____ (can/cannot) flow between source and drain.