

ADDING A SENSOR TO A PICAXE-08 CIRCUIT

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On behalf of The World Association of Technology Teachers

W.A.T.T.



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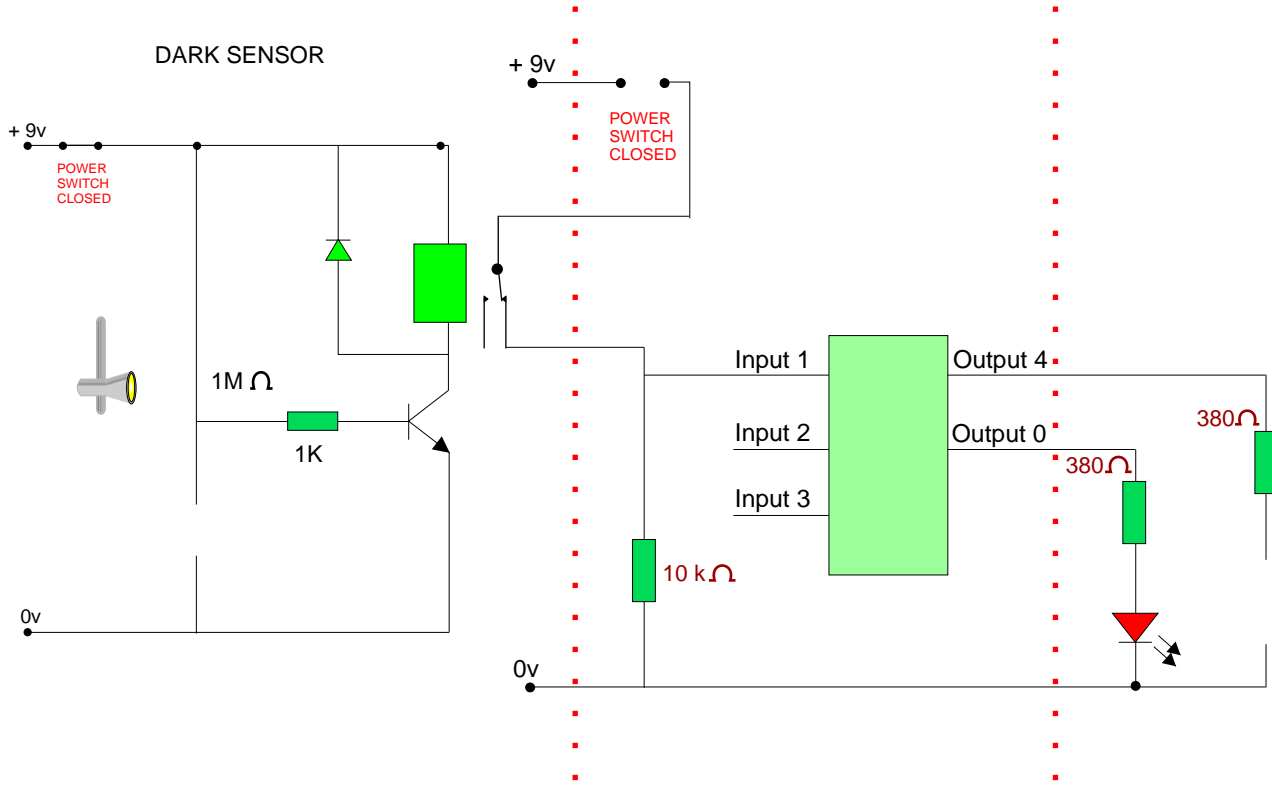
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1. The incomplete circuit below is comprised of two smaller circuits, a light / dark sensor as an input device AND a PICAXE 08 programmable microcontroller circuit.

- A. Complete the circuit, adding the missing components and labels.
- B. Indicate the INPUT, PROCESS and OUTPUT aspects of the circuit.



2. Explain / describe how this circuit works. The circuit has been designed to detect light / dark. It can operate as a light sensing or dark sensing device.

3. Name and describe three other sensors that can be used as input devices, to a PIC microcontroller circuit. You may wish to search the internet for digital and analogue sensors.

SENSOR:

EXPLANATION:

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SENSOR:

EXPLANATION:
