

WORKSHEET



SESSION 14

Road Sign Detector

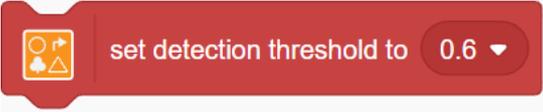
This worksheet belongs to _____

1. The accuracy of object detection depends on the _____.
- a) Camera quality
 - b) Sunlight value
 - c) Object size
 - d) Confidence value

Answer: _____ 1 Point

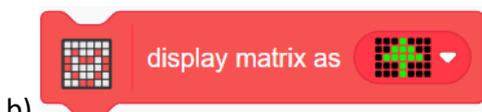
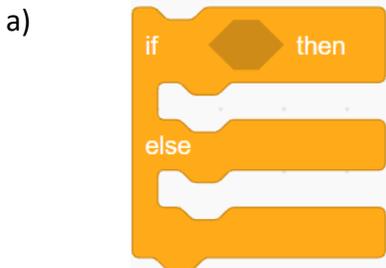
2. Confidence tells us how _____ the machine is, of the object, it has detected. E.g., let's say PictoBlox has detected an orange (fruit) and its confidence is 0.6. This means that it is _____ % sure that the object it has detected is an orange.

Answer (i) _____ (ii) _____ 2 Points

3. The block-  allows you to set a confidence level for the task of object detection.
- a) True
 - b) False

Answer: _____ 1 Point

4. In what order will you pick the following blocks, so that you can make Quarky display as well as instruct (speak) to **go straight**, whenever a **Go** sign is detected.



Answer: (i) _____ (ii) _____ (iii) _____ (iv) _____ 4 Points

5. What is the disadvantage of keeping the confidence value **too high**? And, What is the disadvantage of keeping the confidence value **too low**?

Answer: _____

_____ 2 Points