

MATCH THE PAIR

Match the creature with the correct electronic sensor equivalent

1

Creature

1. 🦇 Bat
2. 🐍 Pit viper / rattlesnake
3. 🦈 Shark
4. 🐟 Fish
5. 🦗 Cricket / grasshopper
6. 🕷️ Spider
7. 🦟 Mosquito

Electronic Sensor Equivalent

- A. Microphone / sound sensor
- B. Ultrasonic sensor
- C. IR sensor / thermal sensor
- D. Vibration / pressure / motion sensor
- E. CO₂, temperature, humidity, gas sensors
- F. Vibration sensor / accelerometer
- G. Electrode / electrical-field sensor

2

Creature

1. 🐝 Honeybee
2. 🐙 Octopus
3. 🐱 Cat
4. 🐭 Rat
5. 🦭 Seal
6. 🐊 Crocodile
7. 🐘 Elephant

Electronic Sensor Equivalent

- A. Touch / proximity sensor
- B. Flow / vibration / motion sensor
- C. Touch / proximity / pressure sensor
- D. Camera/light + touch/pressure sensors
- E. Pressure sensor
- F. Microphone / vibration sensor
- G. LDR / photodiode / UV sensor

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3

Creature

1. 🐳 Whale
2. 🦉 Owl
3. 🦇 Bat
4. 🐍 Snake
5. 🐜 Ant
6. 🐕 Dog
7. 🐝 Bee

Electronic Sensor Equivalent

- A. Gas / VOC sensor
- B. Gas sensor
- C. Gas/chemical sensor
- D. Hydrophone / microphone
- E. Ultrasonic distance sensor
- F. Multiple microphones
- G. Gas / VOC sensor

4

Creature

1. 🦋 Butterfly
2. 🦎 Lizard
3. 🐸 Frog
4. 🐢 Turtle
5. 🐦 Migratory birds
6. 🐦 Birds
7. 🦌 Deer

Electronic Sensor Equivalent

- A. Magnetometer / compass sensor
- B. LDR / temperature sensor
- C. Temperature / humidity / light sensors
- D. UV/light sensor
- E. Gas / VOC sensor
- F. Microphone / gas sensor
- G. Light/temp/magnetic sensor

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5

Creature

Electronic Sensor Equivalent

1.  Cockroach

A. Ultrasonic sensor

2.  Cricket

B. UV/polarization sensor

3.  Fly

C. Accelerometer / airflow sensor

4.  Eagle

D. Microphone

5.  Chameleon

E. Camera / image sensor

6.  Mantis shrimp

F. RGB/color sensor

7.  Dolphin

G. Airflow / pressure sensor



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Robotic & Creativity Toys

Answers

1	2	3	4	5
1 - B	1 - G	1 - D	1 - E	1 - G
2 - C	2 - D	2 - F	2 - B	2 - D
3 - G	3 - A	3 - E	3 - C	3 - C
4 - D	4 - C	4 - A	4 - G	4 - E
5 - A	5 - B	5 - C	5 - A	5 - F
6 - F	6 - E	6 - G	6 - D	6 - B
7 - E	7 - F	7 - B	7 - F	7 - A