- Receive stimuli with *flagella* and *membrane.*
- Sensitive to light and food.

- No sense organs, no nerves.
- Stimuli move slowly from cell to cell.

- Receive stimuli with *"eyespots"* and *tentacles.*
- *Network of nerves and fibers* in the body wall.

- Sensitive to touch, taste and light.
- Transmit stimuli with *nerve cord* that runs the length of the body, with *ganglia* in each segment.
- Two *ganglia* in the "head" work like a *"brain."*

- Have touch, taste, smell, “eye spots”, and *equilibrium*.
- Transmit stimuli with connecting cords.
- Have 3 to 5 pairs of *ganglia.*

- Have sight, touch, taste, and smell. Some have hearing.
- Transmit stimuli with two *nerve cords* with *ganglia* in each segment.
- *Brain* is in head.

- Some have “eye spot” with short tentacle.
- Transmit stimuli with *nerve net* (which is hard for us to observe).

- Can “smell” with a pit on its back.
- Transmit stimuli with *nerve cord* protected by *notochord*.
- small “brain”

- Have sight, taste, smell, balance, and vibration (*lateral line)*.
- Transmit stimuli with *nerve cord* protected by *spine*.
- *Brain* is divided into parts.

- Have sight, taste, smell, balance, and vibration (*lateral line)*.
- Transmit stimuli with *nerve cord* protected by *spine*.
- *Brain* is divided into parts.

- Have sight, taste, smell, balance, and vibration (*lateral line)*.
- Transmit stimuli with *nerve cord* protected by *spine*.
- *Brain* is divided into parts.

- Have sight, taste (*taste buds)*, smell, hearing, and touch.
- Transmit stimuli with *nerve cord* protected by *spine*.
- *Brain* is divided into parts.

- Have especially good sight and hearing, as well as taste, smell, and touch.
- Transmit stimuli with *nerve cord* protected by *spine.*
- *Brain* is divided into parts.

- Have sight, hearing, taste, smell and touch.
- Transmit stimuli with *nerve cord* protected by *spine.*
- *Brain* has large *cerebral hemispheres.*