

1. What are two ways that nematodes are more advanced than Platyhelminthes? (2 marks)

- pseudocoelom vs acoelomate
 - tube-within-a-tube vs gastrovascular cavity
 - separate mouth & anus vs mouth & anus same hole

2. Complete the chart below: (4 marks)

Characteristic	<i>Ascaris</i> (The one you dissected!)
How do we "catch" it?	eating unwashed/uncooked veggies/fruits with worm eggs on them
Where does it live its adult life in our body?	Small intestine
What are its effects on our body?	malnourishment, nausea, coughing/gagging, vomiting
How can you prevent catching this parasite?	wash/cook veggies/fruit

3. Name 2 examples of parasitic roundworms (no, you can't use the one in the question above!!) and give 2 facts (life cycle, how you catch it, effects on your body, about each worm. (4 marks)

Worm 1: Pinworm

a) Lives in bowel

b) Comes out of anus at night to lay eggs

Worm 2: Hookworm

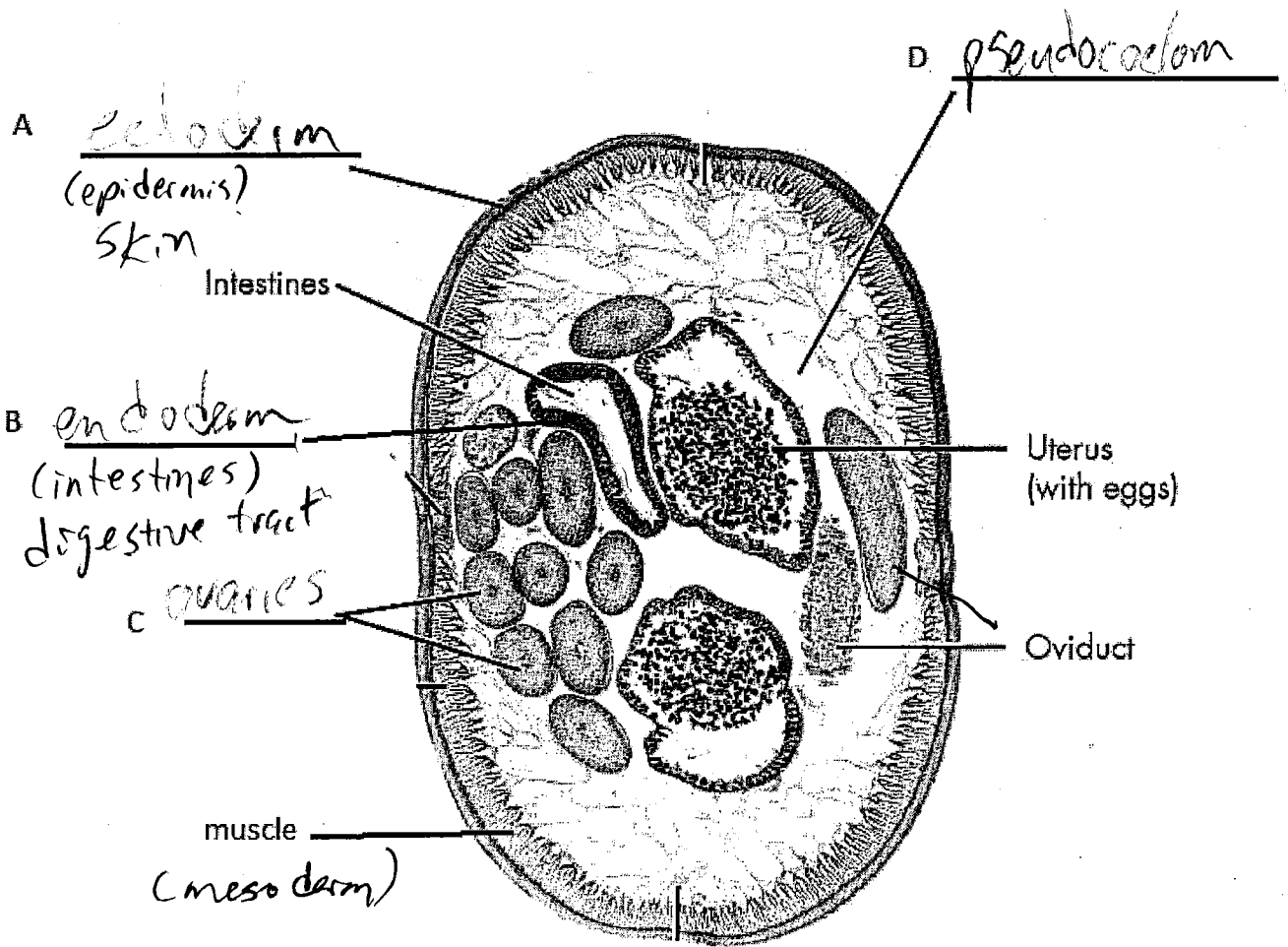
a) AKA Ichworm - Comes in through between toes.

b) Lives in small intestine and eats your nutrients.

4. What is the role of free-living nematodes in the ecosystem? (1 mark)

Decomposers

5. Label the cross section of the female ascaris worm. (4 marks)



harpoon gun → cnidocyte

BONUS: In cnidarians, what is the name of the "harpoon" that is fired from a stinging cell?

nematocyst