

1. Compared with eggs or the tiny newborns in marsupials, please describe two major advantages of giving birth to fully-formed young. 2pts

2. Please match the type of organism to its distinguishing characteristic: 5pts

- \_\_\_\_\_ Give birth to eggs; have a cloaca for reproductive, intestinal, and urinary systems
- \_\_\_\_\_ Most give birth to tiny newborns that grow in a pouch
- \_\_\_\_\_ No tail, larger than other apes, more sexual dimorphism
- \_\_\_\_\_ No tail, smaller than other apes
- \_\_\_\_\_ Five or more pairs of legs
- \_\_\_\_\_ Four pairs of legs
- \_\_\_\_\_ Three pairs of legs
- \_\_\_\_\_ Have narrower noses with down-facing nostrils
- \_\_\_\_\_ Have flat noses with side-facing nostrils, and some have prehensile tails
- \_\_\_\_\_ Give birth to fully-formed young that are nourished in a placenta

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| A. arachnids         |
| B. crustaceans       |
| C. insects           |
| D. monotremes        |
| E. marsupials        |
| F. placental mammals |
| G. New World monkeys |
| H. Old World monkeys |
| I. lesser apes       |
| J. greater apes      |

3. Please give an example of an arthropod:

4. Please give an example of a mammal:

5. Please give an example of a primate: