YEAR 7 SCIENCE

Classification

Group living things using features and dichotomous keys

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Name: _____ **Date:** _____ **Score:** _____ / 13

Number the classification levels 1 (largest) to 7 (smallest).

- ☐ Family
- ☐ Kingdom
- ☐ Species
- ☐ Class
- ☐ Genus
- ☐ Phylum
- ☐ Order

Match each vertebrate group to its feature.

2.	Mammals	●	● **a)** dry scales and leathery eggs
3.	Birds	●	● **b)** gills and fins
4.	Reptiles	●	● **c)** moist skin, live in water then land
5.	Amphibians	●	● **d)** hair or fur and feed young milk
6.	Fish	●	● **e)** feathers and lay hard-shelled eggs

Choose the best answer.

7. A platypus is a mammal because it...
ⓐ lays eggs ⓑ has a bill ⓒ feeds its young milk and has fur

8. In the name Phascolarctos cinereus (koala), 'Phascolarctos' is the...
ⓐ family ⓑ genus ⓒ species

9. An animal without a backbone is called...
ⓐ an invertebrate ⓑ a vertebrate ⓒ a mammal

10. Spiders have...
ⓐ six legs ⓑ ten legs ⓒ eight legs

Dichotomous Key

1a. Has legs ... go to 2 1b. No legs ... go to 3
2a. Six legs ... Insect 2b. Eight legs ... Arachnid
3a. Has a shell ... Snail 3b. No shell ... Earthworm

Use the key to identify each animal.

11. An animal with eight legs:

_____

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Classification

Group living things using features and dichotomous keys (continued)

12. An animal with no legs and a shell:

13. A beetle (six legs):

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Classification

Group living things using features and dichotomous keys

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Number the classification levels 1 (largest) to 7 (smallest).

1. Top to bottom: 5, 1, 7, 3, 6, 2, 4

Match each vertebrate group to its feature.

2. d) hair or fur and feed young milk
3. e) feathers and lay hard-shelled eggs
4. a) dry scales and leathery eggs
5. c) moist skin, live in water then land
6. b) gills and fins

Choose the best answer.

7. c) feeds its young milk and has fur
8. b) genus
9. a) an invertebrate
10. c) eight legs

Use the key to identify each animal.

11. Arachnid
12. Snail
13. Insect

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