

\_\_\_\_\_ is the passing of genetic material from generation to generation.

- a. division
- b. heredity
- c. photosynthesis
- d. mitosis

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Genes are found in the \_\_\_\_\_.

- a. vacuole
- b. cell wall
- c. nucleus
- d. golgi body

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Genes are particularly located on the \_\_\_\_\_.

- a. chromosomes
- b. rough E.R.
- c. ribosomes
- d. golgi body

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Genes contain \_\_\_\_\_.

- a. chlorophyll
- b. cells
- c. ribosomes
- d. DNA / RNA

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How many different genes can an animal cell (e.g. monkey) have ?

- a. thousands
- b. one
- c. ten
- d. hundreds

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How many genes does an offspring receive from its father ?

- a. a quarter
- b. four fifths
- c. half
- d. all

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A gene is the \_\_\_\_\_.

- a. basic physical and functional unit of heredity
- b. control unit of a cell
- c. blue pants we wear
- d. part of a plant cell that keeps it turgid

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Can a pig give birth to a goat ?

Yes or No

explain your answer.

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