

Famous Thinkers: Darwin and Goodall

Crack the medium-level codes and explore their lives

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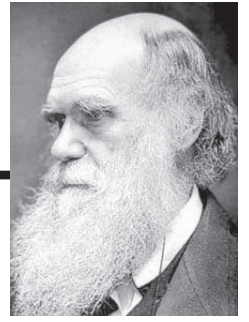
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Charles Darwin



Eureka!

Part of the answer set seems to already be in place. How much of each answer has been given to you? Round to the nearest whole percentage. A bit of rearrangement will also be needed to find your answers.

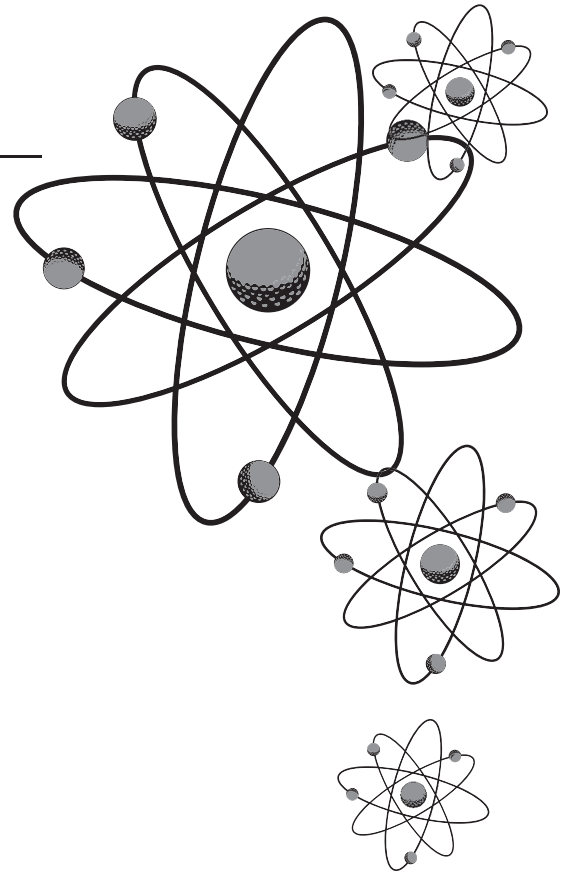
Our planet is covered with life, from mammals and birds to plants and reptiles. But were these creatures always the same? Do things like where they live and what they eat (or what eats them!) affect their species? These are only a few questions that Charles Darwin spent much of his life researching.

Growing up in England, Charles Darwin was not the best student. But he was very curious and liked to collect things—especially beetles. As he got older he began studying to be a doctor but decided to switch directions when he found that he hated performing surgery. He continued to be interested in learning about nature, and in 1831 Charles was offered a place on a ship that was to survey the coast of South America. He served as the naturalist, or the person who would study the plant and animal life found within the newly explored territory. The *H.M.S. Beagle* sailed from 1831 to 1836 and traveled to places such as South America, New Zealand, Australia, and the Galapagos Islands.

Many very important observations were made by Charles on his voyage. He kept hundreds of pages of notes about everything from the different animal species he saw to the types of fossils he found on the ground and in the land formations. He took note of the animals' behavior and compared them to animals he found during later parts of his trip. He collected many specimens, preserved them, and put them in boxes to take back to England.

Several years after returning home, Charles published *Zoology of the Voyage of the H.M.S. Beagle*, a five-volume collection based on the notes he took while on the ship. The collection gave detailed information about individual animal species, and several other naturalists contributed to Charles' information.

Questions:



1. What was the name of the ship on which Darwin sailed?

(2 words)

___ M ___ ___ e a ___

2. Where did Darwin study medicine?

___ i ___ ___ b ___

3. While at sea, Darwin frequently suffered from

___ S ___ ___ c k ___ ___ s ___.

4. Where did Darwin's father send him to study theology after Darwin dropped out of medical school?

___ m ___ ___ r ___ ___ d ___ ___ e ___

5. Where in England was Darwin born?

___ e ___ ___ u ___ ___ y ___

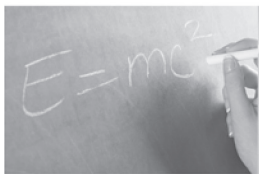
6. Another naturalist developed a theory of natural selection much like Darwin's.

Who was he? (2 words) ___ l f ___ ___ l ___ ___ c ___

7. What was the name of Darwin's wife? (2 words)

___ a ___ ___ w ___ ___ d ___

8. How many children did Darwin have?



Jane Goodall

1) In which African country did Jane live and work?

$\frac{1}{5}$	0.1	$\frac{4}{8}$	1%	$\frac{3}{4}$	0.35	$\frac{9}{10}$	$\frac{1}{3}$
<u>T</u>	<u>a</u>	<u>n</u>	<u>z</u>	<u>a</u>	<u>n</u>	<u>i</u>	<u>a</u>
20%	$\frac{1}{10}$	$\frac{1}{2}$	$\frac{1}{100}$	75%	$\frac{35}{100}$	90%	.33

2) What fictional character (from Tarzan) was Goodall jealous of as a young girl?

1.5	0.33	$\frac{9}{18}$	8%
<u>J</u>	<u>a</u>	<u>n</u>	<u>e</u>
$1\frac{1}{2}$	33%	$\frac{3}{6}$	.08

3) What was Jane's mother's name?

$\frac{1}{4}$	.001	$\frac{5}{1}$	3.8	$\frac{4}{10}$
<u>V</u>	<u>a</u>	<u>n</u>	<u>n</u>	<u>e</u>
25%	$\frac{1}{1000}$	5	$3\frac{4}{5}$	40%

4) What was her mother's profession?

$\frac{7}{0}$	0.19	$\frac{70}{100}$	1.07	$\frac{70}{7}$	0.49
<u>A</u>	<u>u</u>	<u>t</u>	<u>h</u>	<u>o</u>	<u>r</u>
0	$\frac{19}{100}$	.70	$1\frac{7}{100}$	10	$\frac{49}{100}$

5) At what job did Goodall work to earn money for her first trip to Africa?

1	$\frac{5}{2}$	$\frac{2}{5}$	$\frac{5}{4}$	95%	0.09	$\frac{6}{3}$	$\frac{2}{5}$
<u>W</u>	<u>a</u>	<u>i</u>	<u>t</u>	<u>r</u>	<u>e</u>	<u>s</u>	<u>s</u>
$\frac{10}{10}$	2.5	$\frac{40}{100}$	1.25	.95	9%	2	.66

6) Where is the Jane Goodall Institute located?

0.70	0.0001	0.111	$6\frac{1}{2}$	$\frac{17}{1}$	$\frac{17}{2}$	$\frac{5}{10}$	$\frac{10}{16}$	125%	0.318	0%
<u>C</u>	<u>o</u>	<u>n</u>	<u>n</u>	<u>e</u>	<u>c</u>	<u>t</u>	<u>i</u>	<u>c</u>	<u>u</u>	<u>t</u>
$\frac{7}{10}$	$\frac{1}{10,000}$	$\frac{111}{1000}$	6.5	17	$8\frac{1}{2}$	.5	$\frac{5}{8}$	$1\frac{1}{4}$	$\frac{159}{500}$	$\frac{17}{0}$

7) In what area of study did Jane earn her Ph.D.?

82%	$\frac{8}{7}$	0.29	$\frac{30}{90}$	99.9	$\frac{9}{3}$	$\frac{120}{150}$	.007
<u>E</u>	<u>t</u>	<u>h</u>	<u>o</u>	<u>l</u>	<u>o</u>	<u>g</u>	<u>y</u>
.82	$1\frac{1}{7}$	$\frac{29}{100}$	$\frac{1}{3}$	$99\frac{9}{10}$	3	$\frac{4}{5}$	$\frac{7}{1000}$