

33 Which row correctly describes a type of selection?

	type of selection	humans involved	example
A	artificial	no	production of farmed animals that produce lots of milk
B	artificial	yes	production of bacteria that are resistant to antibiotics
C	natural	yes	production of insulin through genetic modification of bacteria
D	natural	no	production of wild animals with long necks to reach tree leaves as a food source

27 *Clostridium difficile* is a species of bacterium that is resistant to many antibiotics.

From 2002 to 2006, the number of people in one country infected with *Clostridium difficile* increased from 1300 to 6200 people.

What was the percentage increase in the number of people infected with *Clostridium difficile* from 2002 to 2006 to the nearest whole number?

- A** 21% **B** 27% **C** 79% **D** 377%

33 How does artificial selection differ from natural selection?

- A** Artificial selection changes the characteristics of living things.
B Artificial selection is based on genetic variation.
C Artificial selection does **not** involve competition for resources.
D Artificial selection occurs over many generations.