



BIG QUESTION

Could evolution build the cell's machines?



In 1872, Charles Darwin wrote that his theory would “absolutely break down” if a complex organ couldn't be built by many small steps.

In 1996, Michael Behe looked inside. He said some of the cell's machines need all their parts at once, like a mousetrap. One is a motor in a germ, built from about twenty kinds of parts.

Germs do change. But they mostly beat a drug by breaking a part they already had. That doesn't build a motor.



True or false?

Circle T for true or F for false.

Darwin said his theory would break down if an organ

1. couldn't be built by many small steps.

☐ T ☐ F

2. A mousetrap with no hammer catches fewer mice.

☐ T ☐ F

Germs can change to survive the drugs we use against

3. them.

☐ T ☐ F

4. Breaking its doors can help a germ keep a drug out.

☐ T ☐ F

Memory verse

“The heavens declare the glory of God; the skies proclaim the work of his hands.”

Psalm 19:1

Fill it in: “The heavens declare the _____ of
God; the _____ proclaim the work of his
_____.” Psalm 19:1

I can say it! ☆ ☆ ☆ Color a star each time you say it.

Talk about it

1. What's the difference between a germ changing and a germ building a motor?
2. Kenneth Miller said part of the motor looks like a syringe. Why isn't that the whole answer?
3. David said, “I am fearfully and wonderfully made.” What do you see in your body that makes you say that?



Watch the video