

APOLLO

DNA replication

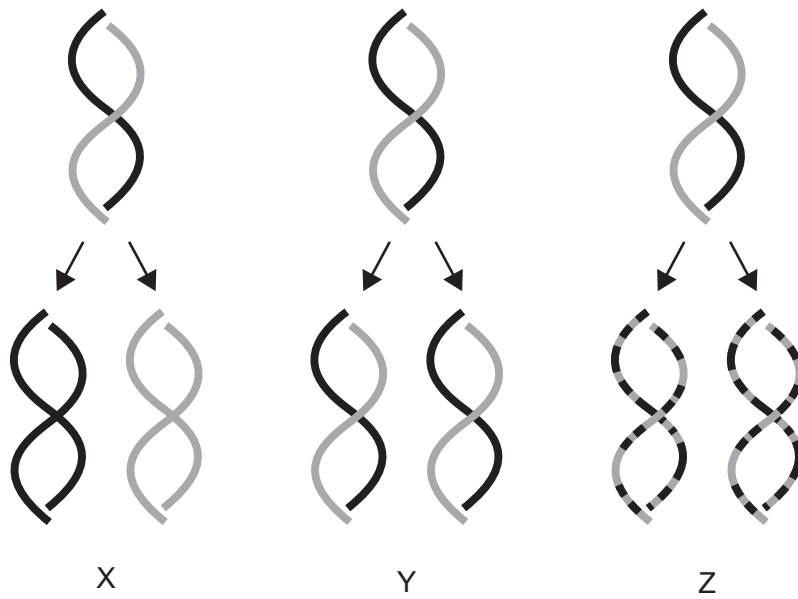
SL

Biology

First assessment 2025

2 questions | questions

6. Which diagram(s) illustrate(s) semi-conservative replication of DNA?



- A. X only
- B. Y only
- C. Z only
- D. X and Y only

Turn over

7. What bonds do the enzymes DNA polymerase and helicase form or break during DNA replication?

	DNA polymerase	Helicase
A.	forms sugar–phosphate bonds	breaks hydrogen bonds
B.	forms hydrogen bonds	breaks sugar–phosphate bonds
C.	forms hydrogen bonds	forms sugar–phosphate bonds
D.	forms sugar–phosphate bonds	forms hydrogen bonds