

7 When 65 g of zinc reacts with 32 g of sulfur, 97 g of zinc sulfide is produced.

When 65 g of zinc reacts with 40 g of sulfur, the mass of zinc sulfide produced is still 97 g.

Which statement explains this observation?

- A** Some of the zinc sulfide evaporates.
- B** The reaction rate is slow.
- C** The reaction stops before it is complete.
- D** Zinc is the limiting reactant.