

If the denominator determinant for  $y$  in a system of equations is zero, the equations of the system are \_\_\_\_\_ or the system is \_\_\_\_\_.

- A) dependent  $\cdots$  consistent
  - B) dependent  $\cdots$  inconsistent
  - C) independent  $\cdots$  consistent
  - D) independent  $\cdots$  inconsistent
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If the denominator determinant for  $y$  in a system of equations is zero, the equations of the system are dependent or the system is inconsistent.

Answer **B**.