## Question \#47972, Chemistry, Physical Chemistry

A double-replacement reaction takes place when aqueous K 2 SO 4 reacts with aqueous $\mathrm{Pb}(\mathrm{NO} 3) 2$. You would expect one of the products of this reaction to be:
A. K2S.
B. CNO3.
C. NaPb .
D. PbSO4.

## Answer:

$$
\mathrm{Pb}\left(\mathrm{NO}_{3}\right)_{2}+\mathrm{K}_{2} \mathrm{SO}_{4}-->\mathrm{PbSO}_{4}+2 \mathrm{KNO}_{3}
$$

D. $\mathrm{PbSO}_{4}$

