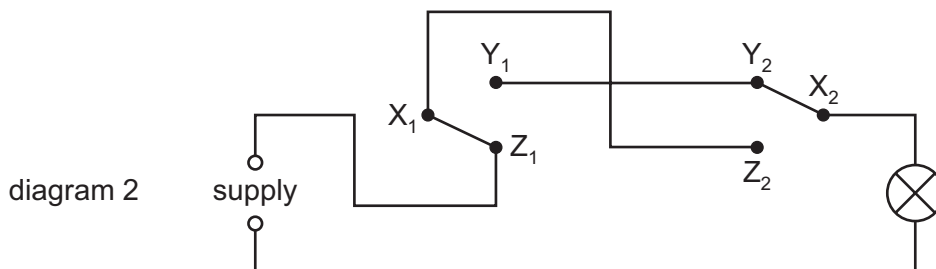
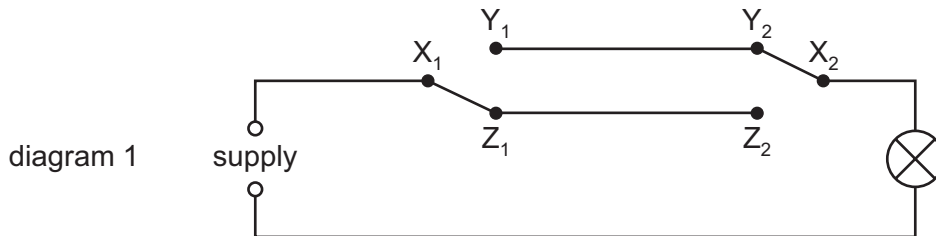


**34** Diagram 1 shows a lamp connected to a supply through two switches.

During repairs, an electrician mistakenly reverses the connections  $X_1$  and  $Z_1$ , so that  $Z_1$  is connected to the supply and  $X_1$  to the other switch at  $Z_2$ , as shown in diagram 2.



Which switch positions will now light the lamp?

<b>A</b>	$X_1$ to $Y_1$	$X_2$ to $Y_2$
<b>B</b>	$X_1$ to $Y_1$	$X_2$ to $Z_2$
<b>C</b>	$X_1$ to $Z_1$	$X_2$ to $Y_2$
<b>D</b>	$X_1$ to $Z_1$	$X_2$ to $Z_2$