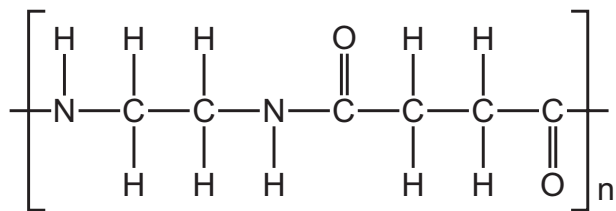


37 The structure of a polymer repeat unit is shown.



Which pair of monomers is used to make this polymer?

	monomer 1	monomer 2
A	$\begin{array}{cccc} \text{H} & \text{H} & \text{H} & \text{H} \\ & & & \\ \text{N}- & \text{C}- & \text{C}- & \text{N}- \\ & & & \\ \text{H} & \text{H} & \text{H} & \text{H} \end{array}$	$\begin{array}{cc} \text{H}-\text{O} & \text{O}-\text{H} \\ & \\ \text{C} & - & \text{C} \\ & & \\ \text{O} & & \text{O} \end{array}$
B	$\begin{array}{cccc} \text{H} & \text{H} & \text{H} & \text{H} \\ & & & \\ \text{N}- & \text{C}- & \text{C}- & \text{N}- \\ & & & \\ \text{H} & \text{H} & \text{H} & \text{H} \end{array}$	$\begin{array}{cccc} \text{H}-\text{O} & & \text{H} & \text{H} & \text{O}-\text{H} \\ & & & & \\ \text{C} & - & \text{C} & - & \text{C} \\ & & & & \\ \text{O} & & \text{H} & & \text{H} & \text{O} \end{array}$
C	$\begin{array}{cccccc} \text{H} & \text{H} & \text{H} & \text{H} & \text{H} & \text{H} \\ & & & & & \\ \text{N}- & \text{C}- & \text{C}- & \text{C}- & \text{C}- & \text{N}- \\ & & & & & \\ \text{H} & \text{H} & \text{H} & \text{H} & \text{H} & \text{H} \end{array}$	$\begin{array}{cc} \text{H}-\text{O} & \text{O}-\text{H} \\ & \\ \text{C} & - & \text{C} \\ & & \\ \text{O} & & \text{O} \end{array}$
D	$\begin{array}{cccccc} \text{H} & \text{H} & \text{H} & \text{H} & \text{H} & \text{H} \\ & & & & & \\ \text{N}- & \text{C}- & \text{C}- & \text{C}- & \text{C}- & \text{N}- \\ & & & & & \\ \text{H} & \text{H} & \text{H} & \text{H} & \text{H} & \text{H} \end{array}$	$\begin{array}{cccc} \text{H}-\text{O} & & \text{H} & \text{H} & \text{O}-\text{H} \\ & & & & \\ \text{C} & - & \text{C} & - & \text{C} \\ & & & & \\ \text{O} & & \text{H} & & \text{H} & \text{O} \end{array}$