28 Two hydrocarbons, $R–CH_3$ and $R'–CH_3$, react separately with bromine in the presence of ultraviolet light. One of these hydrocarbons is unsaturated.

In each case, free radical substitution reactions occur.

R is $CH_3CHC(CH_3)$.

R' is $CH_3CH(CH_3)CH_2$.

Which row is correct?

	a propagation stage for the saturated hydrocarbon	a termination stage for the unsaturated hydrocarbon
A	$R–CH_2\bullet + Br\bullet \rightarrow R–CH_2Br$	$R'–CH_2\bullet + Br\bullet \rightarrow R'–CH_2Br$
B	$R–CH_2\bullet + Br_2 \rightarrow R–CH_2Br + Br\bullet$	$R'–CH_2\bullet + Br_2 \rightarrow R'–CH_2Br + Br\bullet$
C	$R'–CH_3 + Br\bullet \rightarrow R'–CH_2\bullet + HBr$	$2R–CH_2\bullet \rightarrow R–CH_2CH_2–R$
D	$2R'–CH_2\bullet \rightarrow R'–CH_2CH_2–R'$	$R–CH_3 + Br\bullet \rightarrow R–CH_2\bullet + HBr$