

4.

Which of the following is the quotient of $v^3 + 2v^2$ divided by $v + 2$

$$\begin{array}{r} + (\boxed{v^2}) \\ \hline \boxed{v+2} (1)v^3 + (2)v^2 \\ (\boxed{v^3}) + (\boxed{2v^2}) \\ + (\boxed{0}) \end{array}$$