Question 1 (10 points)
Find the Present Equivalent of the following cash flow diagram if i = 18%.
(Answer in notational functional forms only (no need for calculations).

\[
P = 100 + 80 \left( \frac{P}{A}, 18\%, 10 \right) - 20 \left( \frac{P}{G}, 18\%, 10 \right)
\]

\[
= 100 + 80(4.494) - 20(14.352)
\]

\[
= 100 + 359.52 - 287.04
\]

\[
P = 172.48
\]