2. Given the function $m(j)=j^2+2j$,
the average rate of change from $j=2$ to $j=6$ is:

11

-10

10

9

Solution

Using the average rate of change formula:

The average rate of change $= \frac{m(6)-m(2)}{6-2}$

$= \frac{(1(6)^2+2(6))-(1(2)^2+2(2))}{4}$

$= \frac{48-8}{4}$

$= 10$