Examen And Q4

Examen from
$$\sqrt{7}$$
 $M(t) = \sum_{k=1}^{\infty} (1-p)^{k} pe^{\pm k} = e^{\pm \sum_{k=1}^{\infty} (1-p)^{k-1}} pe^{\pm (k-1)} = pe^{\pm \sum_{k=1}^{\infty} (1-p) e^{\pm k}}$
 $= | pe^{\pm} | pe^{\pm k} | pe^{\pm (1-p)} | pe^{$

La myenne est $\frac{1}{p}$, la varance est $\frac{2-p}{p^2} = \frac{1-p}{p^2}$