## Plan du chapitre 14 : Espérance et variance

## I - Espérance

- I-1. Définitions
- I-2. Propriétés de l'espérance
- I-3. Espérance des lois usuelles

## II - Variance

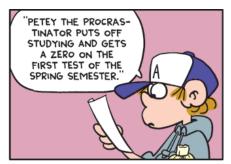
- II-1. Définition
- II-2. Propriétés de la variance
- II-3. Variance des lois usuelles
- II-4. Covariance
- II-5. Loi faible des grands nombres

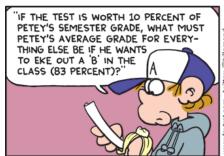
## III - Espérance, variance et fonction génératrice

- III-1. Espérance et fonction génératrice
- III-2. Variance et fonction génératrice



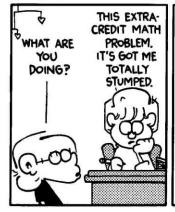




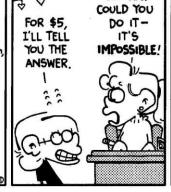








"BOBBY IS DRIVING TO HIS GRANDMOTHER'S HOUSE, IF HE DRIVES THE FIRST HALF OF THE DISTANCE AT AN AVERAGE SPEED OF 20mm HOW FAST MUST HE DRIVE THE SECOND HALF IN ORDER TO AVERAGE 40 mph FOR THE ENTIRE DISTANCE?"



NO WAY

