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Part 2:
(AO) Cafe location = OKM
                               Price = 34
(BO) cafe location = 10 km Price = $5
 10-x = distance from location
Calculating score:
     Score A0: 28-x-(3. price)
                = 28 - x - (3 · 4)
                 = 28 - x-12
                = 16-X
     Score BO: 28-(10-x)-(3-price)
               = 28 - (10 - x) - (3 \cdot 5)
               = 28-(10-1)-15
                = 3+x
Probability:
    AO: (16-x)/(16-x) +(3+x)
         = (16-x)/19
    BO: (3+x) ((16-x) + (3+x)
        = (3+x)/19
  average location = 5
    average profit would be at average location
                       @ Probability Ao:
 Score AO:
                             \frac{(16-x)}{19} = \frac{16-5}{19} = \frac{11}{19}
   16-x
   16- (5) = 11
                      @ Price - Cost = Profit
    11/19= 58%
                             4-2 = $2
Average Profit: $2 x . 58 = $1.16
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