4. Marietta has a nail gun that malfunctions 22% of the time. If she uses the nail gun 70 times in the next 2 weeks, how many times can she expect it to malfunction? Round your answer to the nearest whole number.

$.22 \cdot 70 = 15.4$

15

5. The probability of seeing a whale during January, February, or March while on a boat trip in Baja, Mexico is 0.891. Of the 450 boat trips that will sail during January, February, or March, how many are NOT expected to see a whale? Round your answer to the nearest whole number.

$1 - .891 = .109$

$.891 \cdot 450 = 400.95$

$.109 \cdot 450 = 49.05$

$450 - 401 = 49$ OR 49