

Name _____

Penguins Answer Key

1. The population of penguins after t years is given by $p(1 + 0.10)^t$.
2. The time taken to migrate is given by d/s hours.
3. The total amount of fish consumed by the colony in a week is $2 \times n \times 7$ kilograms.
4. The total distance swum is $5t$ meters.
5. The population after t years is given by $p(1 + 0.15)^t$.
6. The number of eggs that will hatch is $100 \times 0.80 = 80$.
7. The total distance waddled is $1t$ meters.
8. The percentage of the maximum depth reached is $(d / 30) \times 100\%$.
9. The total number of days spent incubating is $d + 2d = 3d$.
10. The expected number of successful catches is $50 \times 0.80 = 40$.

