

## Instructions

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Read each story problem, inspired by the incredible journeys of animals. Solve the math problem in the space provided. Show your work!

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### The Monarch's Miles

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**1.** A monarch butterfly can fly about 55 miles in one day. If its migration south lasts for 30 days, how many miles will it fly in total?

**2.** The total migration journey for a group of monarch butterflies is 3,000 miles. If a butterfly has already flown 1,850 miles, how many miles does it still have to fly?

### Wildebeest Herds

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**3.** A giant herd of 2,400 wildebeest needs to cross a river. If they cross in safe groups of 8 to avoid crocodiles, how many groups will there be?

**4.** One group of migrating wildebeest has 1,752 animals. Another nearby group has 2,135 animals. If the two groups join together, how many wildebeest are there in total?

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### Whale of a Journey

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**5.** A gray whale's round-trip migration is about 12,000 miles. If the entire journey takes 6 months, how many miles does the whale travel each month on average?

**6.** A baby gray whale is called a calf and weighs about 2,000 pounds at birth. If it gains 7 pounds an hour, how many pounds will it gain in one full day (24 hours)?

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### Arctic Tern Travels

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**7.** The Arctic tern has the longest migration! It flies about 44,000 miles each year. A gray whale swims about 12,000 miles. How many more miles does the Arctic tern fly than the gray whale?

**8.** An Arctic tern lives for about 30 years. If it flies 44,000 miles each year, how many miles might it fly in its entire lifetime? (This is a huge number!)

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## Answer Key

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1. **1,650 miles** (55 miles/day \* 30 days)
2. **1,150 miles** (3,000 miles - 1,850 miles)
3. **300 groups** (2,400 wildebeest / 8 per group)
4. **3,887 wildebeest** (1,752 + 2,135)
5. **2,000 miles per month** (12,000 miles / 6 months)
6. **168 pounds** (7 pounds/hour \* 24 hours)
7. **32,000 more miles** (44,000 miles - 12,000 miles)
8. **1,320,000 miles** (44,000 miles/year \* 30 years)