

LESSON **Problem Solving**
3-9 Adding and Subtracting Mixed Numbers

Write the correct answer.

- A female gray whale is $45\frac{1}{4}$ feet long. A male gray whale is $43\frac{1}{2}$ feet long. How much longer is the female than the male gray whale?

- At birth, a pilot whale is $4\frac{3}{5}$ feet long. A newborn gray whale is $15\frac{1}{4}$ feet long. How much longer is the newborn gray whale?

- A manatee weighs $\frac{1}{2}$ ton. A walrus weighs $1\frac{3}{4}$ tons. A narwhal weighs $1\frac{1}{2}$ tons. What is the total weight of all 3 animals?

- A bottie-nosed dolphin can leap $15\frac{1}{8}$ feet out of the water. The world record high jump for a human is $8\frac{1}{24}$ feet. How much higher can a dolphin leap than a human?

Choose the letter for the best answer.

- At a wildlife park, the killer whale show lasts $\frac{5}{8}$ of an hour. The guided tour of the park takes $2\frac{1}{2}$ hours. How long will it take to do both activities?
 A $3\frac{1}{8}$ hours
 B $2\frac{5}{8}$ hours
 C $3\frac{5}{8}$ hours
 D $1\frac{7}{8}$ hours
- Jeremy walks $3\frac{1}{2}$ miles while visiting a wildlife park. Shawna hikes a $4\frac{3}{8}$ -mile long nature trail. How much farther does Shawna walk?
 F $\frac{3}{8}$ of a mile
 G $\frac{5}{8}$ of a mile
 H $\frac{7}{8}$ of a mile
 J $1\frac{1}{8}$ of a mile
- Dog food comes in $5\frac{7}{8}$ -pound bags and $12\frac{3}{4}$ -pound bags. Find the total weight of 2 small and 1 large bags.
 A $22\frac{7}{8}$ pounds
 B $23\frac{1}{2}$ pounds
 C $24\frac{1}{2}$ pounds
 D $25\frac{3}{4}$ pounds
- A movie lasts $2\frac{1}{6}$ hours. A baseball game lasts $3\frac{2}{3}$ hours. How much longer does the game last?
 F $\frac{5}{6}$ hours
 G $1\frac{1}{6}$ hours
 H $1\frac{1}{3}$ hours
 J $1\frac{1}{2}$ hours