

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

Write the correct answer.

1. 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?

2. 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?

3. 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?

4. 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.

5. 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
6. 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
7. 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
8. 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