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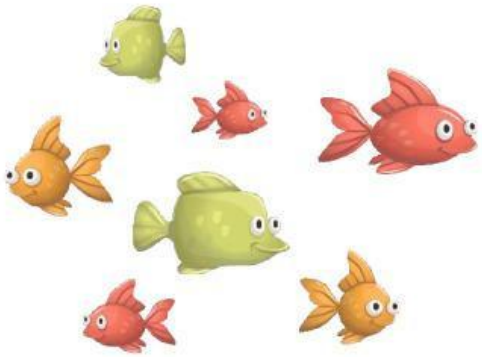
Grade 5 Word Problems Worksheet

An aquarium has exhibits that feature different marine animals.

1. $\frac{5}{8}$ of the staff are male. $\frac{5}{12}$ of the staff works part time at the aquarium. What fraction of the staff is female?

2. The sharks are fed three times a day. During the morning feeding, $\frac{2}{15}$ of a ton of fish is fed. During the afternoon feeding, the weight of fish fed will be $\frac{1}{15}$ of a ton more than the fish fed during the morning. If the total weight of fish fed in a day is $\frac{1}{2}$ of a ton, how much is fed during the feeding at night?

3. A baby otter was born $\frac{3}{4}$ of a month early. At birth, its weight was $\frac{7}{8}$ kilograms, which is $\frac{9}{10}$ kilogram less than the average weight of newborn otter in the aquarium. What is the average weight of newborn otter?



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4. The penguin nursery is open two times a day: $\frac{2}{3}$ hour at noon and $\frac{5}{12}$ hour in the afternoon. How much time is the penguin nursery open every day?

5. Two kinds of fish can be found in a small tank that is $5\frac{1}{7}$ feet long. The blue fish is $\frac{2}{15}$ feet long and the orange fish is $\frac{7}{10}$ feet long. How much longer is the orange fish?

6. An octopus weighed $\frac{5}{6}$ kilograms. After two weeks, its weight was increased by $\frac{3}{10}$ kilograms. But afterwards, it lost $\frac{1}{5}$ kilograms in weight as it was sick. What is its current weight?

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