

Challenge

Endangered Species

The table shows the number of endangered and threatened species of animals in the United States in 2004. Use the information in the table to solve the problems.

Endangered and Threatened Species in the United States		
Group	Endangered	Threatened
Amphibians	11	10
Arachnids	12	0
Birds	77	14
Clams	62	8
Crustaceans	16	3
Fishes	71	43
Insects	35	9
Mammals	69	9
Reptiles	14	22
Snails	21	11

1. What is the total number of species of birds on the list?

2. How many more endangered species of mammals are there than endangered species of snails?

3. There are 3 times more threatened species of insects on the list than of another group of threatened animals. Which animal group is it?

4. Which group of animals has 7 times as many endangered species as amphibians?

5. Which animal group has the greatest number of species on the list? How many species in this group are endangered or threatened?

6. The number of endangered species of one group of animals is 2 more than 5 times the number of endangered species of another group. Which two groups of animals are these and how many species of each of these two groups are endangered?

7. **Extend It** Write your own word problem based on the information in the table. Have a partner solve your word problem.

Challenge

Endangered Species

The table shows the number of endangered and threatened species of animals in the United States in 2004. Use the information in the table to solve the problems.

Endangered and Threatened Species in the United States		
Group	Endangered	Threatened
Amphibians	11	10
Arachnids	12	0
Birds	77	14
Clams	62	8
Crustaceans	16	3
Fishes	71	43
Insects	35	9
Mammals	69	9
Reptiles	14	22
Snails	21	11

1. What is the total number of species of birds on the list?

91 species of birds

2. How many more endangered species of mammals are there than endangered species of snails?

48 more

3. There are 3 times more threatened species of insects on the list than of another group of threatened animals. Which animal group is it?

Crustaceans

4. Which group of animals has 7 times as many endangered species as amphibians?

Birds

5. Which animal group has the greatest number of species on the list? How many species in this group are endangered or threatened?

Fishes; 114 species

6. The number of endangered species of one group of animals is 2 more than 5 times the number of endangered species of another group. Which two groups of animals are these and how many species of each of these two groups are endangered?

Clams: 62 species; Arachnids: 12 species

7. **Extend It** Write your own word problem based on the information in the table. Have a partner solve your word problem.

Word problems will vary. Check students' work.