

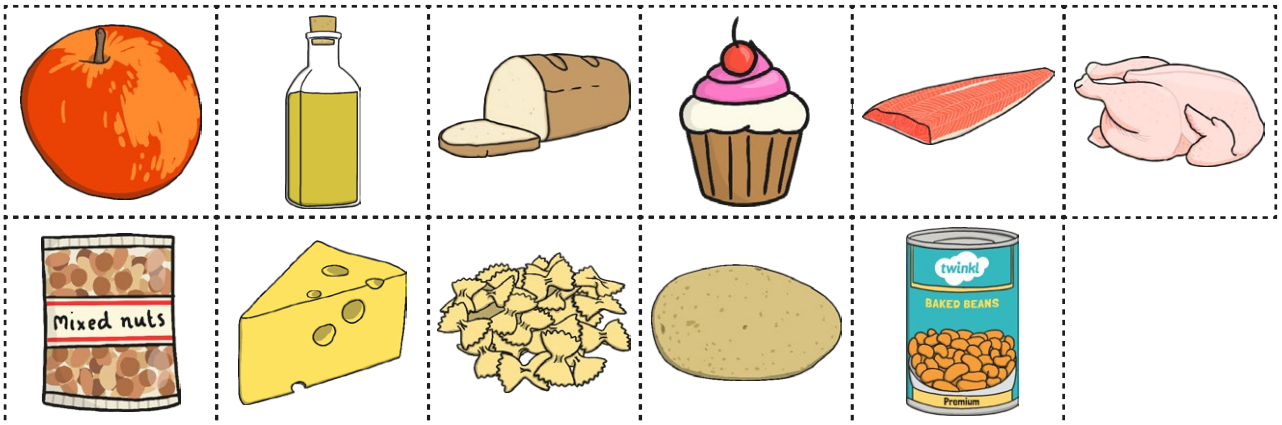
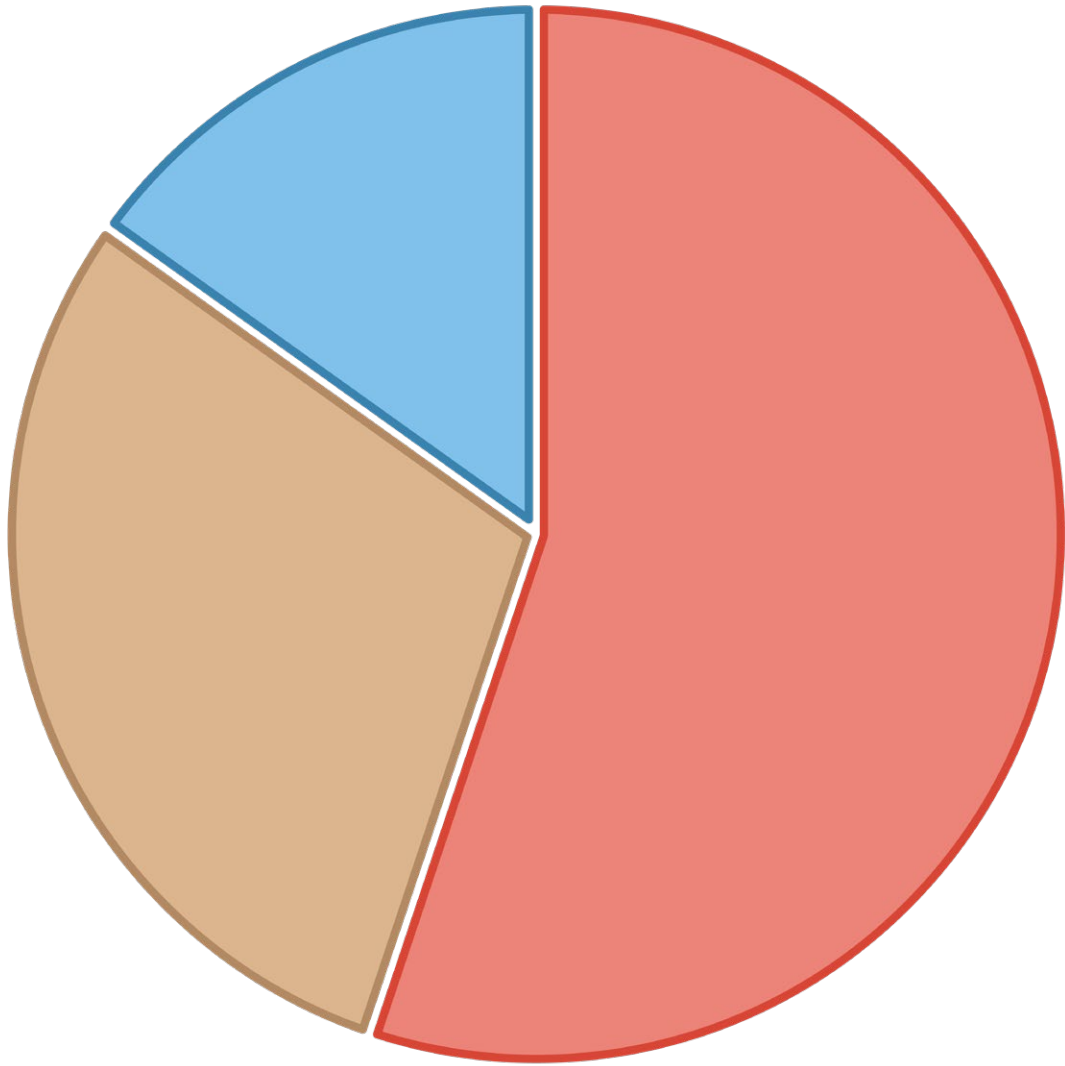


Nutrient Needs

I know the amount of nutrients living things need.

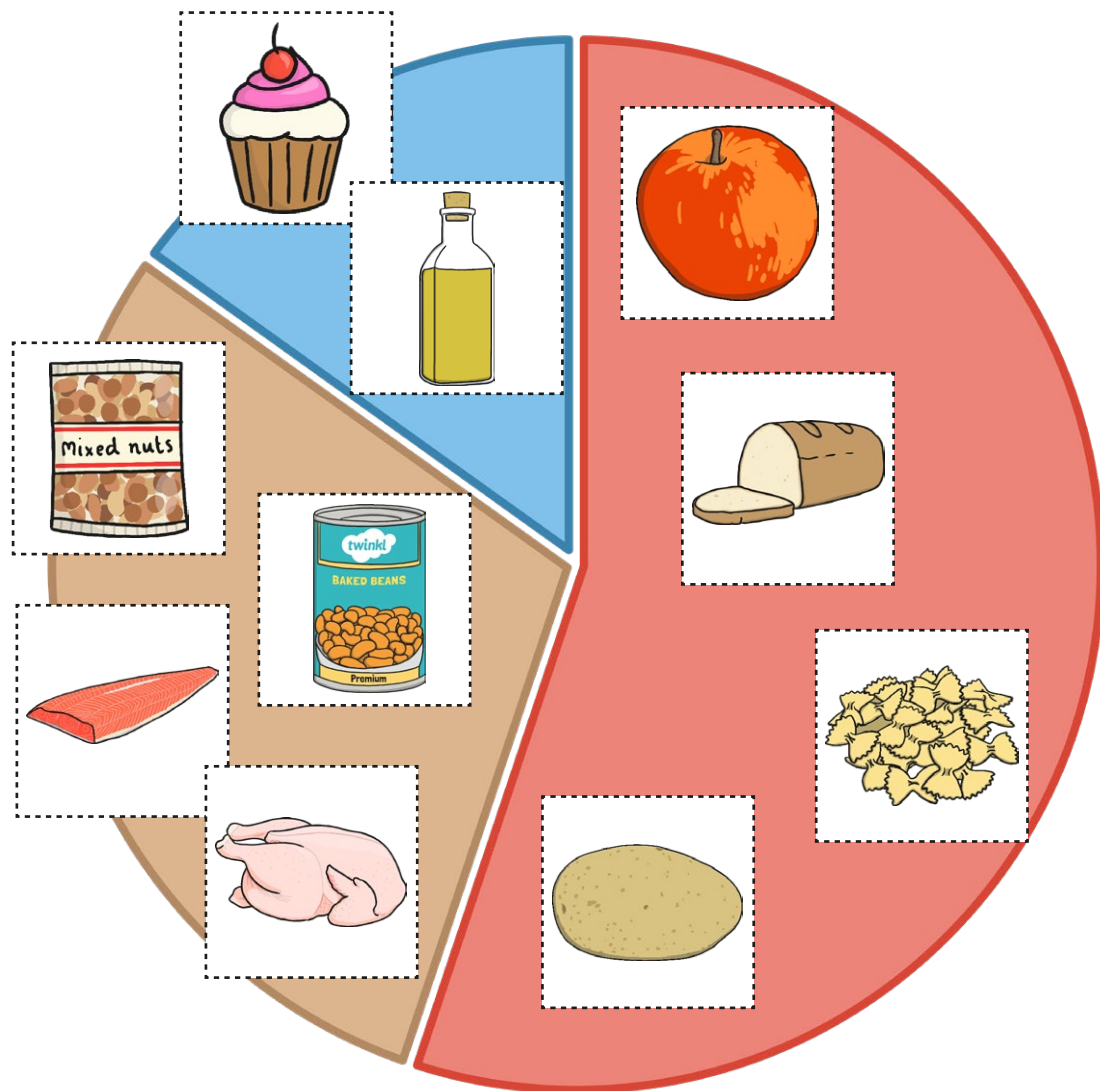


Cut out and sort the foods into the different types of nutrients.





Nutrient Needs **Answers**



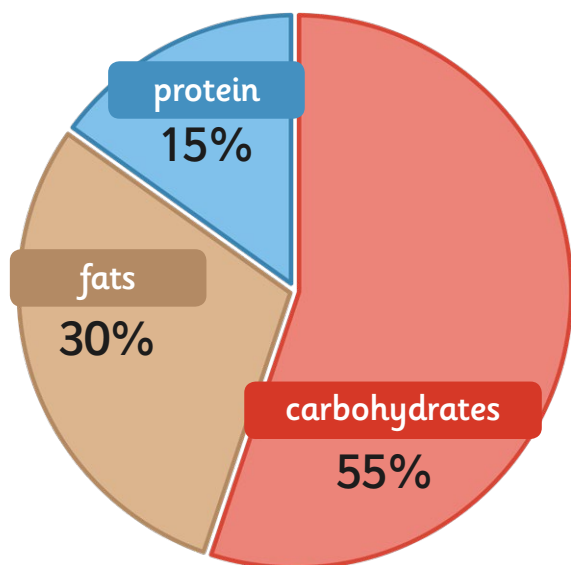


Nutrient Needs

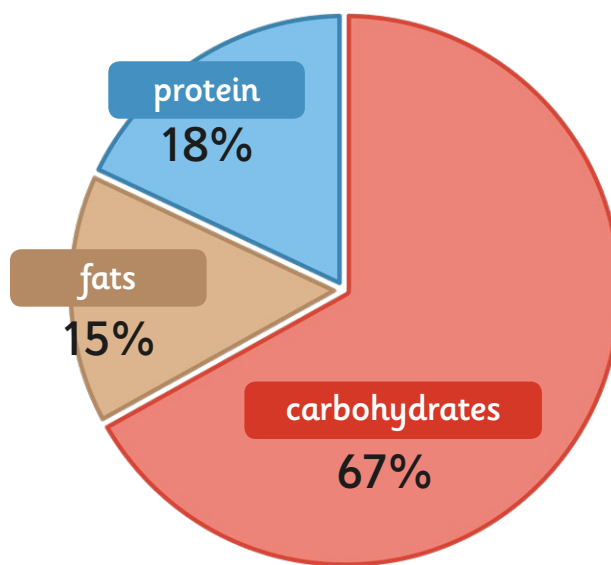
I know the amount of nutrients living things need.



Compare the pie charts showing the amounts of nutrients needed by a human and a dog. Answer the questions below.



Humans



Dogs

1. Who needs 30% fat in their diet? _____
2. Which animal needs the more protein? _____
3. What is the percentage difference between the amount of carbohydrates needed by humans and dogs? _____
4. Name two animals that you think would eat more protein than either a dog or a human:
_____ and _____
5. What would happen to a dog if it ate the same amount of nutrients as a human? _____



Nutrient Needs **Answers**

1. Who needs 30% fat in their diet? *Humans*
2. Which animal needs the more protein? *Dogs*
3. What is the percentage difference between the amount of carbohydrates needed by humans and dogs? *12%*
4. Name two animals that you think would eat more protein than either a dog or a human: *a cat* and a *mouse*
5. What would happen to a dog if it ate the same amount of nutrients as a human? *It would lack energy and it would put on weight.*



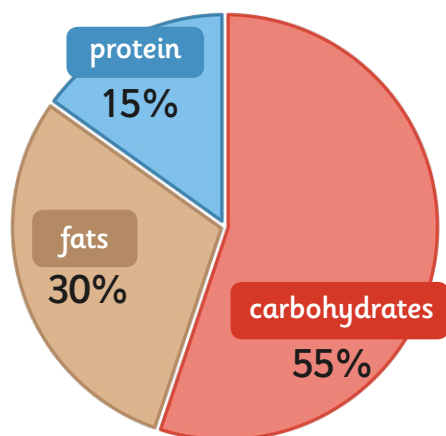
Nutrient Needs

I know the amount of nutrients living things need.

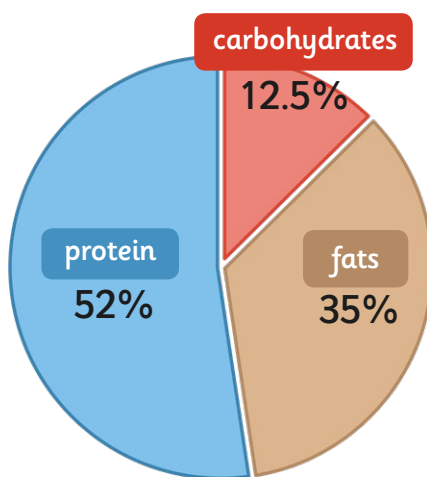


Compare the pie charts showing the amounts of nutrients needed by a human, a cat and a parrot. Answer the questions below.

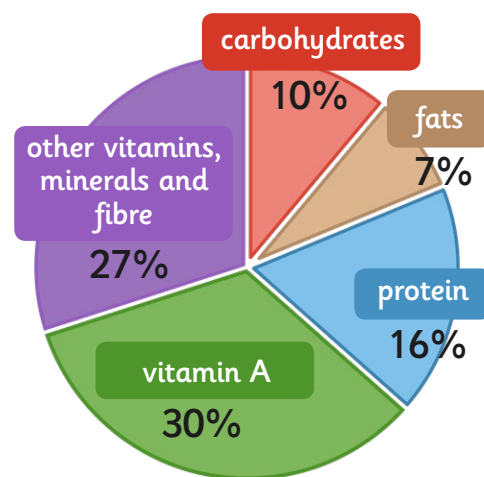
Humans



Cats



Parrots



1. Which animal needs 15% protein in their diet? _____
2. Which animal needs the least carbohydrates? _____
3. What is the percentage difference between the amount of fats needed by humans and parrots?

4. Name two animals that you think would eat more protein than a cat: _____ and _____
5. What would happen to a cat if it ate the same amount of nutrients as a human? _____

6. Why do living things eat different amounts of nutrients? _____

7. What animals nutrient needs would you want to investigate? Why? _____



Nutrient Needs Answers

1. Which animal needs 15% protein in their diet? **Humans**
2. Which animal needs the least carbohydrates? **Parrot**
3. What is the percentage difference between the amount of fats needed by humans and parrots? **23%**
4. Name two animals that you think would eat more protein than a cat: **Accept any sensible answers that have a carnivorous diet, eg. shark, bear, lion.**
5. What would happen to a cat if it ate the same amount of nutrients as a human? **It would not grow or repair itself as well because it would eat a lot less protein. It would probably put on weight.**
6. Why do living things eat different amounts of nutrients? **Because their bodies need to do different things. Humans need to store more fat to keep them warm whereas cats have their fur coats to keep them warm.**
7. What animals nutrient needs would you want to investigate? Why? **Pupil's own responses.**