

2.6.20

LO. To be able to compare the mass of different objects.

$$1 \text{ kg} = 1000 \text{ g}$$

1. Convert the masses of these animals from kilograms (kg) to grams (g).



orangutan

62 kg

_____ g



chimpanzee

42 kg

_____ g



ocelot

18 kg

_____ g



piranha

2 kg

_____ g

2. Convert the masses of these animals from grams (g) to kilograms (kg).



sloth

3,000 g

___ kg



tapir

150,000 g

___ kg



leopard

31,000 g

___ kg



caiman

33,000 g

___ kg

Draw a bar model to help you with the following questions.

3. How much heavier is the **orangutan** than the **chimpanzee**?

4. How much heavier is the **caiman** than the **piranha**?

5. What is *the difference* between the greatest and smallest masses?

6. Miss Morecroft says the **sloth** is **1000 g lighter** than the **piranha**.
Do you agree? Explain your answer.

7. Write your own problem which involves finding the difference between two lengths for a grown up or sibling to answer. You can make this as challenging as you like!