

# MathFLIX CHALLENGE

## Ratio: You Are What You Eat

Complete the ratio column of the table below. Use this data to compare the animals.

| Animal      | Average Weight | Average Daily | Ratio = $\frac{\text{Average Daily Food Consumption}}{\text{Average Weight}}$ |                |                |
|-------------|----------------|---------------|---|----------------|----------------|
|             |                |               | <i>Fraction</i>   | <i>Decimal</i> | <i>Percent</i> |
|             |                |               |   |                |                |
| Polar Bear  | 680 kg         | 68 kg         |   |                |                |
| Vampire Bat | 28 g           | 28 g          |   |                |                |
| Queen Bee   | 0.113 g        | 9 g           |   |                |                |
| Tiger       | 227 kg         | 14 kg         |   |                |                |
| Hamster     | 100 g          | 11 g          |   |                |                |
| Hummingbird | 3.1 g          | 2 g           |   |                |                |

Create a double bar graph to show the relationship between the weight of the animal and the weight of the food the animal eats each day. Use a solid bar for animal weight and stripes for food weight.

