

# Problem Solving

The e-NABLE team is a group of volunteers who give people free prosthetic hands and arms made from 3-D printers. They have delivered thousands of printed arms and hands to adults and children all around the world.

The table shows some of the different models of hands e-NABLE prints. Imagine that 10 people are asked to choose which model they like best. The fraction of people who select each hand model is shown.

1. What fraction of people choose either Raptor Reloaded or Python?
2. What fraction of people choose Raptor, Talon, or Cyborg Beast?
3. By what fraction did more people choose Talon than Cyborg Beast?
4. Which two models combined did more than  $\frac{1}{2}$  of people choose?
5. Which three models combined did less than  $\frac{1}{2}$  of people choose?

| Hand Model      | Fraction of People |
|-----------------|--------------------|
| Raptor Reloaded | $\frac{3}{10}$     |
| Raptor          | $\frac{2}{10}$     |
| Talon           | $\frac{3}{10}$     |
| Cyborg Beast    | $\frac{1}{10}$     |
| Python          | $\frac{1}{10}$     |

