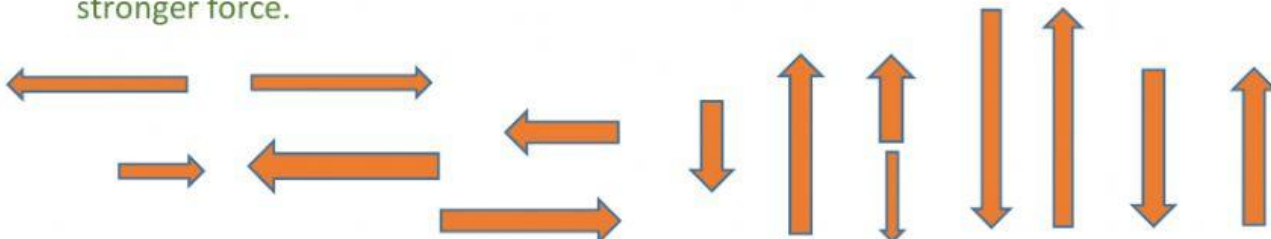
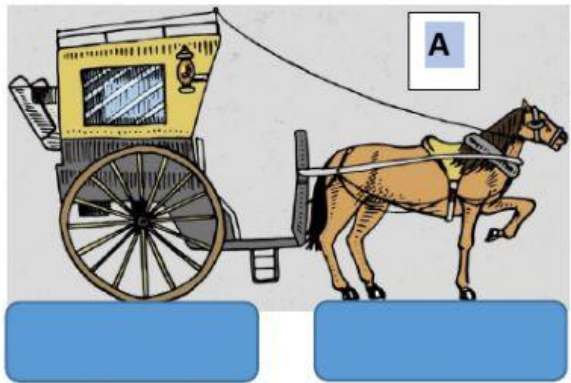


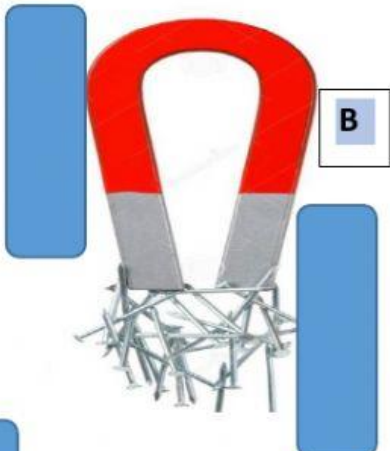
## EXERCISE 4.2 How Forces Act

In this exercise, you will use what you know about force diagrams.

1. Drag and place the right arrows in the boxes provided to identify the **direction** and **size (magnitude)** of the forces acting in each of the pictures. Use **same length** arrows if the pair of opposite forces are equal. Use the longer arrows to show the stronger force.

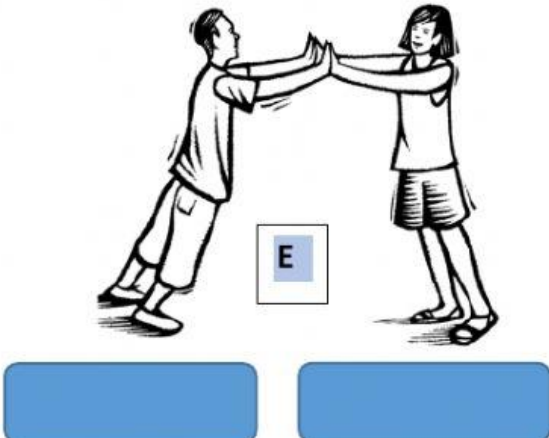












2. In which drawings are the opposite forces the same size? Choose the correct option.

☐ A    ☐ B    ☐ C    ☐ D    ☐ E

3. In which drawings are the opposite forces different sizes? Choose the right option.

☐ A    ☐ B    ☐ C    ☐ D    ☐ E