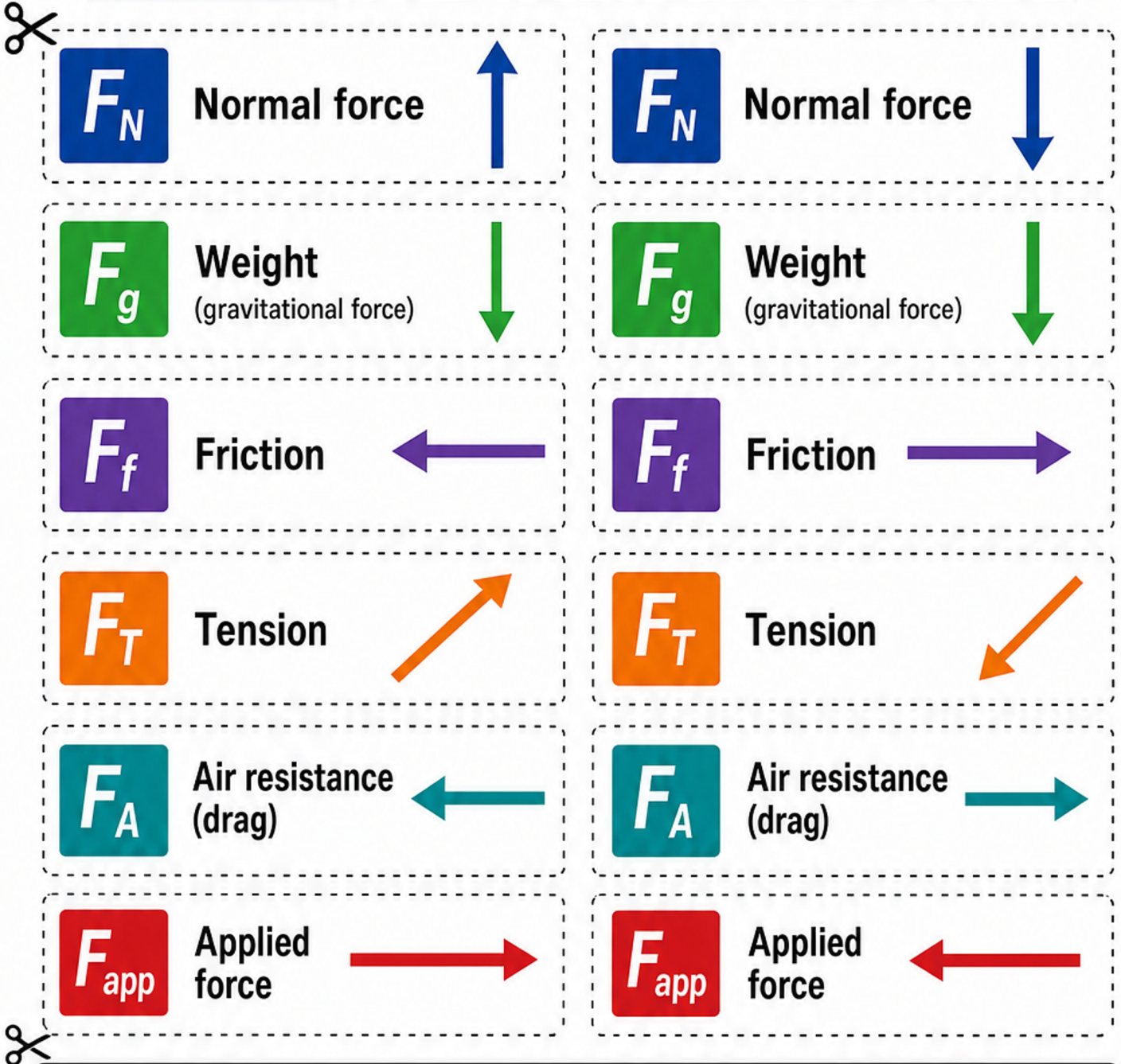


# Forces Free-body Diagram Arrows

## INSTRUCTIONS

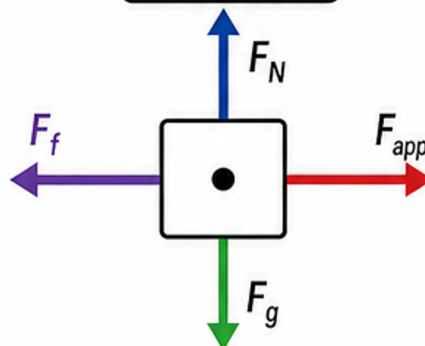
Cut out the arrows below. Use them to build free-body diagrams.



## HOW TO USE

- 1 Identify the object.
- 2 Identify all forces acting on it.
- 3 Choose the correct arrows.
- 4 Place arrows on your diagram from the object.
- 5 Label each arrow with the force name or symbol.

## EXAMPLE



## REMEMBER

- Arrows start on the object and point in the direction the force acts.
- Length of the arrow represents the size of the force.
- Always include all forces acting on the object.

### KEY

Larger force = longer arrow

Smaller force = shorter arrow