Common Fin Shapes

- Rectangular
- Elliptical
- Straight-Tapered
- Swept-Tapered
Design Considerations for Fins

Provide a thumbnail sketch of a rocket for each of the four common fin shapes. Identify the fin shape below each sketch.
Fin Positions

A. Normal Position
B. Inverted or Reversed Fins
C. One Fin Up
D. Two Fins Up
E. One or Two Fins Inverted & Up
F. Different Root Edge

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Nose Cone Shapes
Parts of a Fin

- **Tip**
- **Leading Edge**
- **Root Edge**
- **Trailing Edge**
- **Top of Rocket**