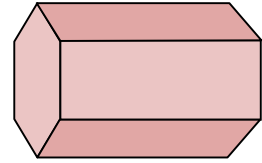## Identifying everyday shapes - answers

1. What is the name of this 3D shape?

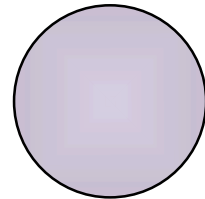   Correct answer: **hexagonal prism**.

2. If a triangular prism is a solid shape with a cross section that is a triangle, what would a solid shape with an octagon cross section be called?

    Correct answer: **octagonal prism.**

3. Give an example of an everyday object that could be described as a sphere.

    Correct answer: **many examples could be given, such as a ball.**

4. What is the name of this everyday 3D object?

    Correct answer: **a cone. Note that traffic cones are not perfect cones because the top is cut off.**

5. How does a triangular-based pyramid differ from a triangular prism?

    Correct answer: **a triangular prism has a constant cross section, which is a triangle**.