

Section 13.2 Worksheet: Vectors in Three Dimensions

1. We use vectors to describe some three-dimensional objects. Which objects are so described in this section?
2. What is the right-hand-rule, and why is it necessary/useful?
3. Are parametric equations of lines in three dimensions unique? (You may want to review the calculus of parametric equations in chapter 12.)
4. What is the role of the **direction vector** in a parametric equation of a line?