203: Electrical installations technology  
**Worksheet 13: Conduit systems**

**Answer guide**

Try the following problems.

1. **State three advantages of steel conduit.**
2. **State three disadvantages of steel conduit.**
3. **List four sizes (diameters) of steel conduit.**
4. **List three specialist tools needed to work on steel conduit.**
5. **State three advantages of PVC conduit.**
6. **State three disadvantages of PVC conduit.**

1. **The following cables are to be drawn into a 3m length of conduit straight run:**

* **6 off stranded 1.5mm2**
* **6 off stranded core 2.5mm2**

**Calculate the conduit size required to accommodate these cables.**

1. **The following cables are to be drawn into a 4m length of conduit with 1 bend:**

* **9 off stranded core 1.5mm2**
* **6 off stranded core 2.5mm2**
* **3 off stranded 6mm2.**

**Calculate the conduit size required to accommodate these cables.**