203: Electrical installations technology  
**Worksheet 6: Socket circuits**

**Answer guide**

Try the following problems.

1. **State the number of unfused spurs that can be installed on a standard A1 ring final circuit.**

**Unlimited but must not exceed the number of outlets connected directly to the ring final circuit**

1. **State the protective device rating for an A3 radial final circuit.**

**20A**

1. **State the minimum sized conductor for use on an A2 radial final circuit if it is insulated with thermosetting plastic.**

**4mm2**

1. **The number of outlets that can be connected to an A1 ring final circuit is unlimited provided that the floor area served does not exceed:**

**100m2**

1. **The number of outlets that can be connected to an A2 radial final circuit is unlimited provided that the floor area served does not exceed:**

**75m2**

1. **The number of outlets that can be connected to an A3 radial final circuit is unlimited provided that the floor area served does not exceed:**

**50m2**