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ANSWERS TO EVEN-NUMBERED EXERCISES

2. Which command would you give in response to the **boot:** prompt to begin an FTP installation?

```
boot: linux askmethod
```

4. Where on the disk should you put your **/boot** partition or the root (**/**) partition if you do not use a **/boot** partition?

Put **/boot** at the beginning of the drive (partition 1) so that there is no issue of Linux having to boot from a partition too far into the drive.

6. When should you specify an **ext2** filesystem instead of **ext3**?

Use **ext2** for partitions whose data does not change often, such as **/boot**. The added overhead of the **ext3** journal offers no benefit on these filesystems.

8. When does a Red Hat Linux system start X by default?

When the system enters runlevel 5.

10. Why would you place **/var** at the start of the disk?

The **/var** filesystem contains files that are modified frequently. The start of the disk is near the outer edge and data can usually be accessed faster from this location.