Raid 0 -- Blocks Striped. No Mirror, No Parity

Key points to remember for RAID level 0.
- Minimum 2 disks.
- Excellent performance (as blocks are striped).
- No redundancy (no mirror, no parity).
- Don't use this for any critical system.

Raid 5 -- Blocks Striped. Distributed Parity

Key points to remember for RAID level 5.
- Minimum 3 disks.
- Good performance (as blocks are striped).
- Good redundancy (distributed parity).
- Best cost effective option providing both performance and redundancy.
- Use this for DB that is heavily read oriented. Write operations will be slow.

In all Diagrams
- A, B, C, D, E and F – represents blocks.
- p1, p2, and p3 – represents parity.

Raid Options
0, 1, 5, 10
Explained

Raid 1 -- Blocks Mirrored.
No Stripe. No Parity

Key points to remember for RAID level 1.
- Minimum 2 disks.
- Good performance (no striping, no parity).
- Excellent redundancy (as blocks are mirrored).

Raid 10 -- Blocks Mirrored & Blocks Striped

Key points to remember for RAID level 10.
- Minimum 4 disks.
- This is also called as "stripe of mirrors." Excellent redundancy (as blocks are mirrored).
- Excellent performance (as blocks are striped).
- If you can afford the dollar, this is the BEST option for any mission critical applications (especially databases).