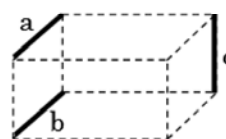


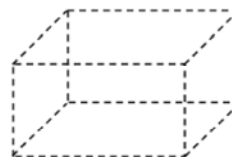
Illustrate the following situations using the sketch of a rectangular box.

Example: Two lines skew to a third line that are not skew to each other.

Lines a and c are skew to each other.
 Lines b and c are skew to each other.
 But lines a and b are not skew to each other.
 They are parallel to each other.



1. Two lines perpendicular to a third line that are parallel to each other.



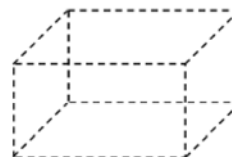
2. Two lines perpendicular to a third line that are skew to each other.



3. Two lines skew to a third line that are skew to each other.



4. Two planes parallel to the same line that are not parallel to each other.



5. Two lines parallel to the same plane that are perpendicular to each other.

