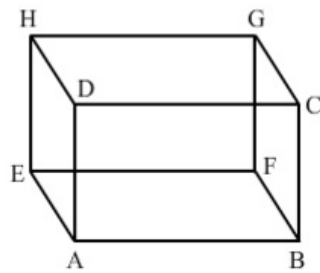Exercise 19A
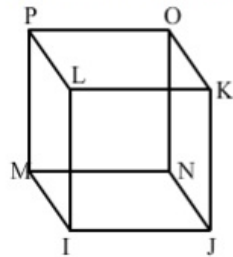
Q1.

Answer :
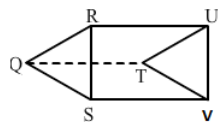
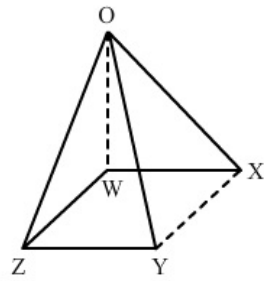(i) A cuboid has 6 faces, namely *ABCD, EFGH, HDAE, GCBF, HDCG* and *EABF.*

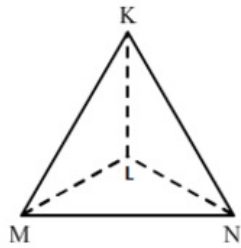(ii) A cube has 6 faces, namely *IJKL, MNOP, PLIM, OKJN, LKOP* and *IJNM.*

(iii) A triangular prism has 5 faces (3 rectangular faces and 2 triangular faces), namely *QRUT, QTVS, RUVS, QRS* and *TUV.*

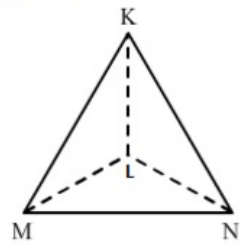(iv) A square pyramid has 5 faces (4 triangular faces and 1 square face), namely *OWZ, OWX, OXY, OYZ* and *WXYZ.*

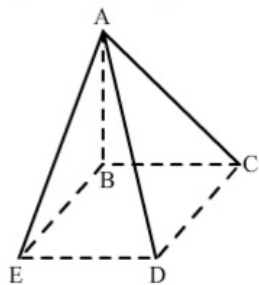(v) A tetrahedron has 4 triangular faces, namely *KLM, KLN, LMN* and *KMN*.

Q2.

Answer :

(i) A tetrahedron has 6 edges, namely *KL, LM, LN, MN, KN* and *KM*.

(ii) A rectangular pyramid has 8 edges, namely *AB, AE, AD, AC, EB, ED, DC* and *CB*.

********** END *********