

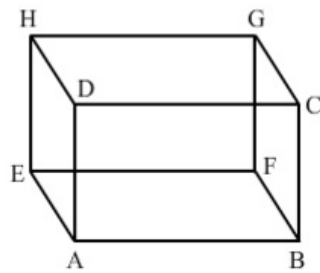


Exercise 19A

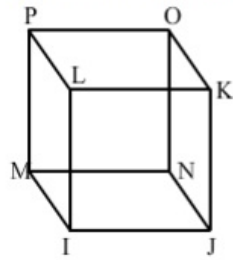
Q1.

Answer :

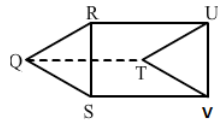
(i) A cuboid has 6 faces, namely $ABCD$, $EFGH$, $HDAE$, $GCBF$, $HDCG$ and $EABF$.



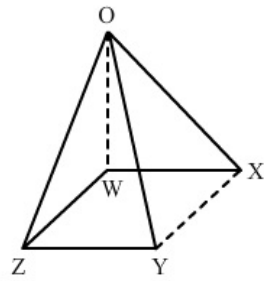
(ii) A cube has 6 faces, namely $IJKL$, $MNOP$, $PLIM$, $OKJN$, $LKOP$ and $IJNM$.



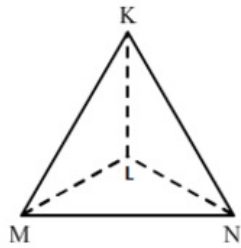
(iii) A triangular prism has 5 faces (3 rectangular faces and 2 triangular faces), namely $QRUT$, $QTVS$, $RUVS$, QRS and TUV .



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



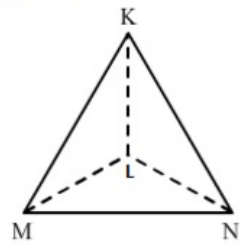
(v) A tetrahedron has 4 triangular faces, namely KLM , KLN , LMN and KMN .



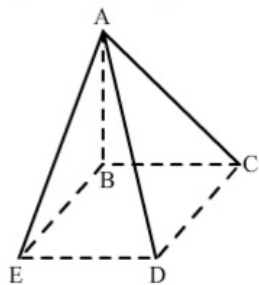
Q2.

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 .



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