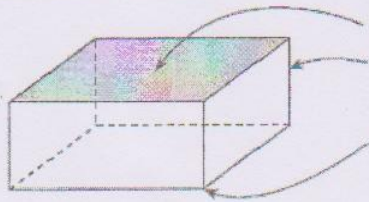


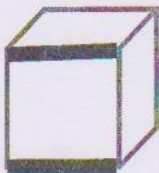
3D Solids

Part of solids

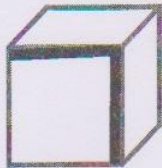


- Face : a surface of the solid
- Edge : a line where two faces meet
- Vertex : a corner where 3 or more faces meet

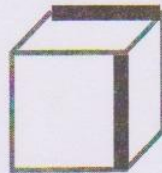
Parallel Lines



Intersecting Lines

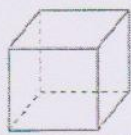
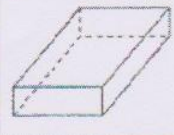
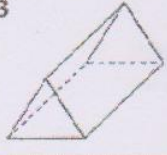



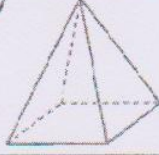

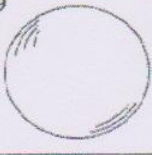


Skew Lines



Exercise

Question 1

1 	2 	3 
4 	5 	6 
7 	8 	9 

- ① Which of the solids have a surface that is curved? 4, 5, 9
- ② Which solid shapes have no vertices? 4, 9
- ③ Which solid shapes can roll? 4, 5, 9
- ④ What are the shapes of the faces on:
 - a) shape 3? Triangle, Rectangle
 - b) shape 6? Square, Triangle

Question 2

- ① Which edges intersect AB? AD, BC, AE, BF
- ② Which edges are parallel to AB? DC, HG, EF
- ③ Which edges are skew to AB? DH, CG, FG, HE
- ④ Which face is parallel to ABCD? EFGH

