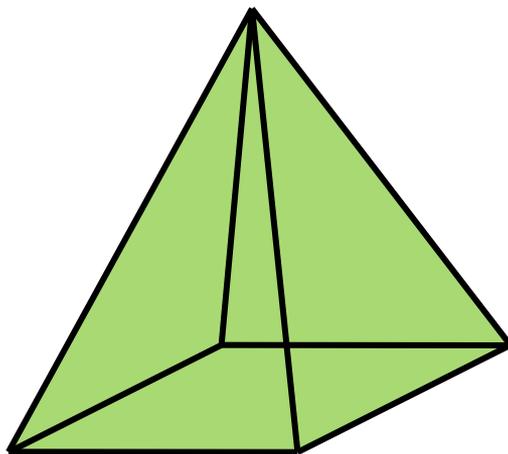
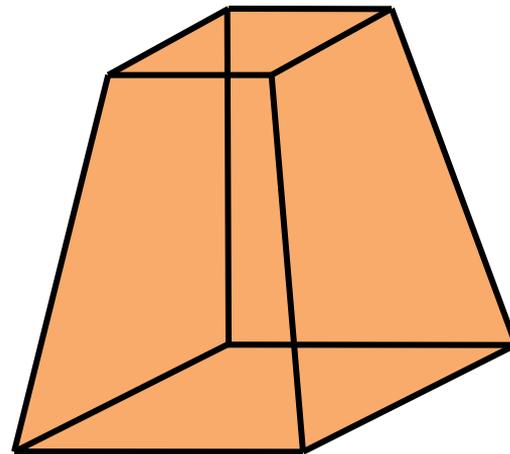


Призма



Пирамида

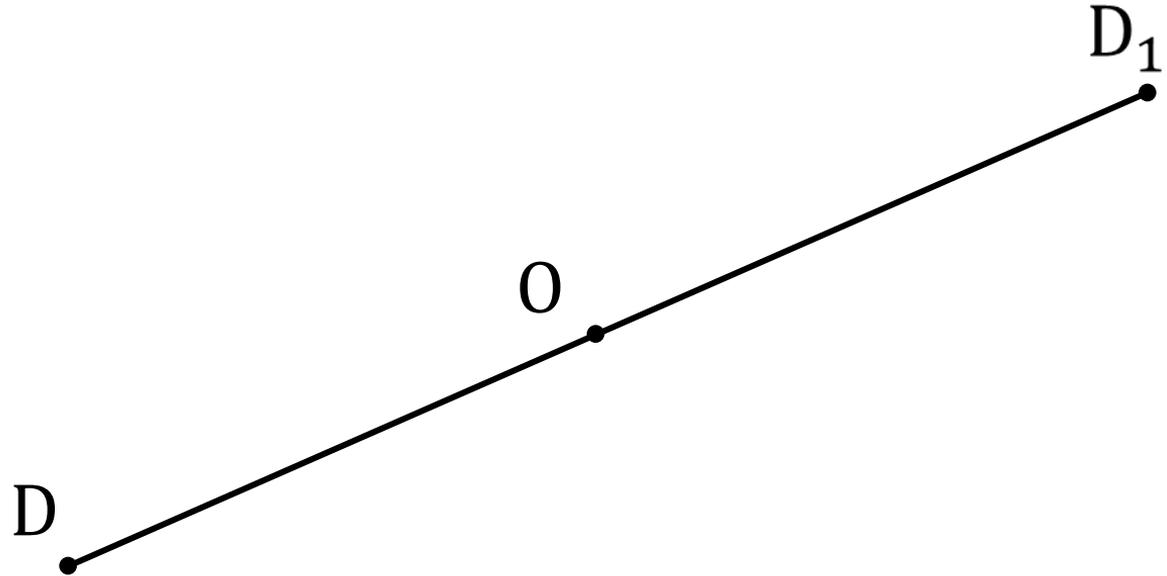


Усеченная  
пирамида

# Симметрия относительно точки

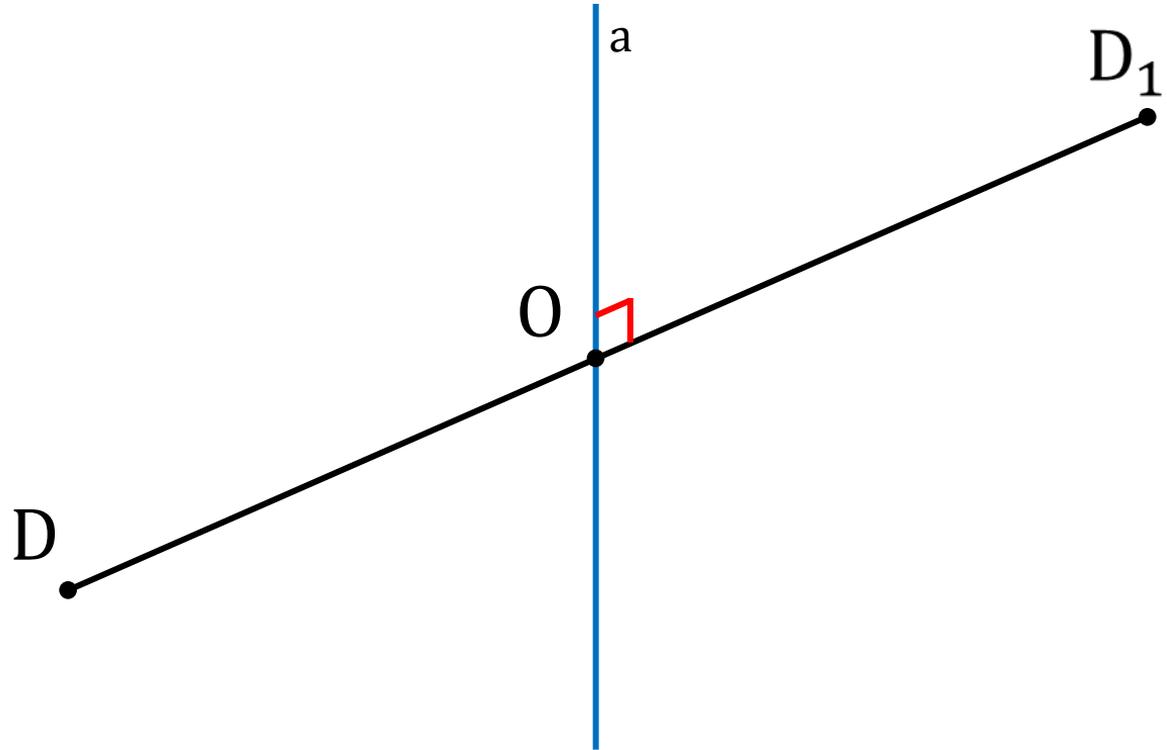
**O** – центр симметрии;

$$DO = OD_1;$$



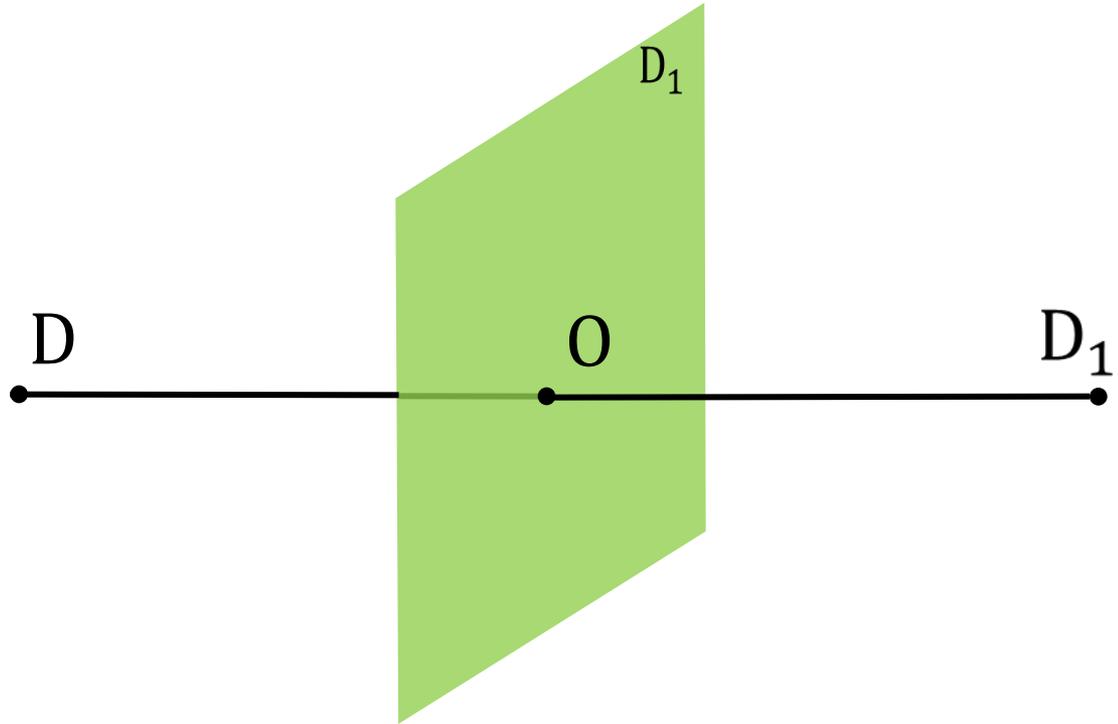
# Симметрия относительно прямой

$a$  – ось симметрии;  
 $a \perp DD_1$ ;  
 $DO = OD_1$ ;

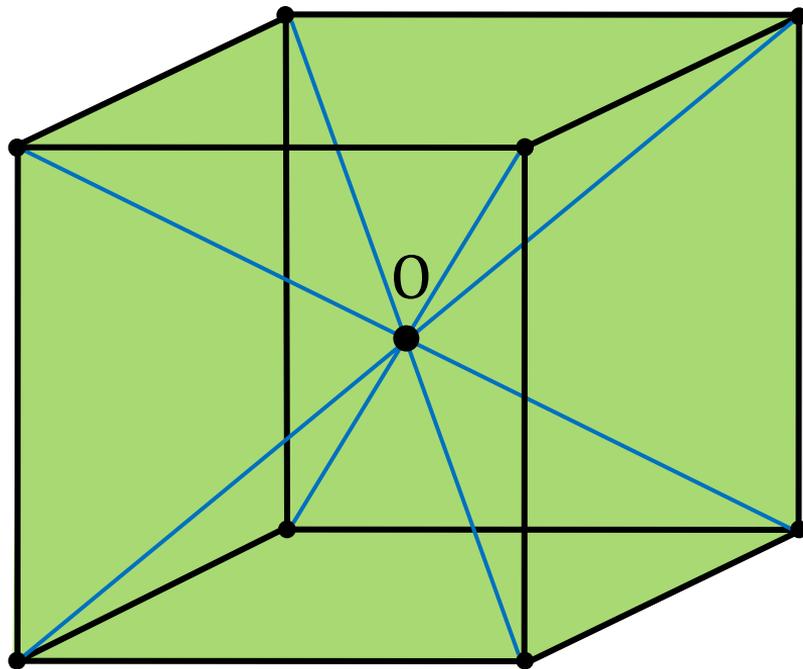


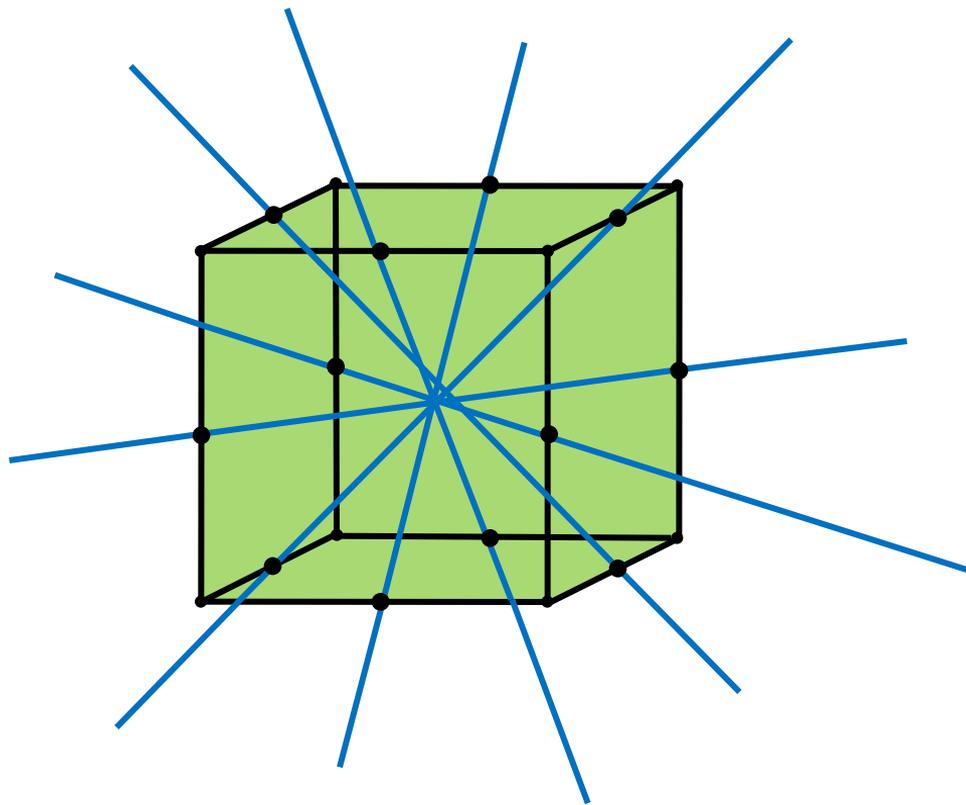
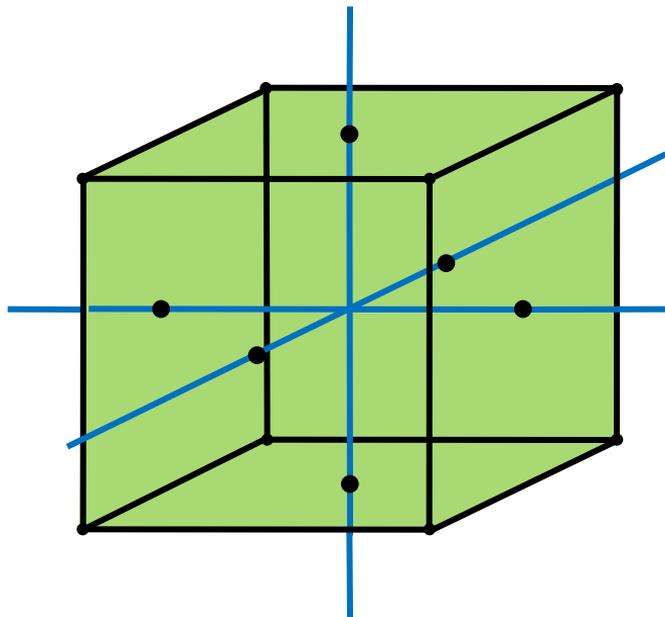
# Симметрия относительно плоскости

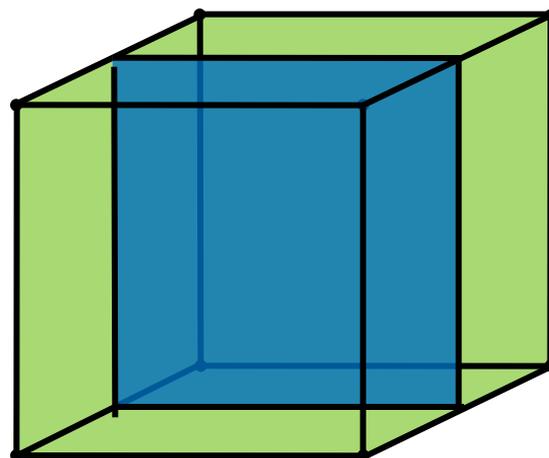
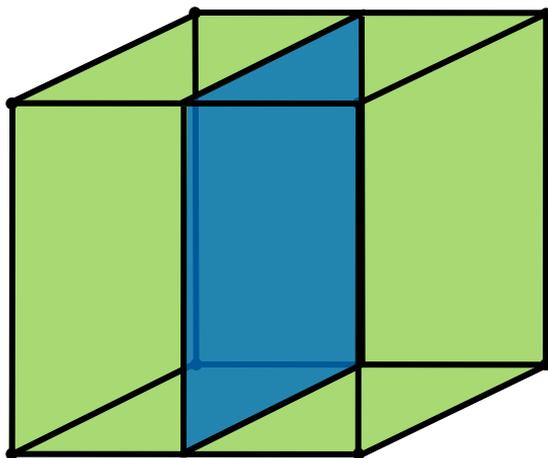
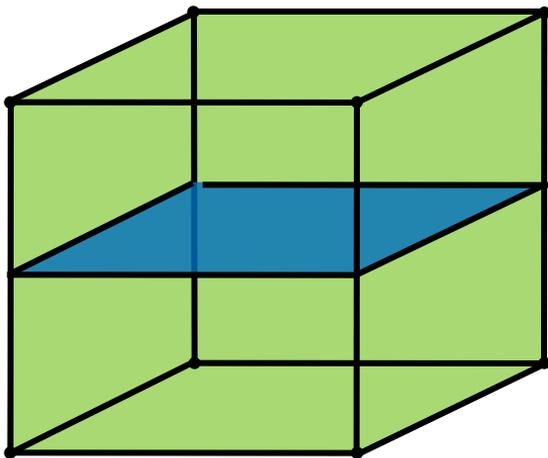
$$\mathbf{D}_1$$
$$\mathbf{D}_1$$
$$DO = OD_1;$$

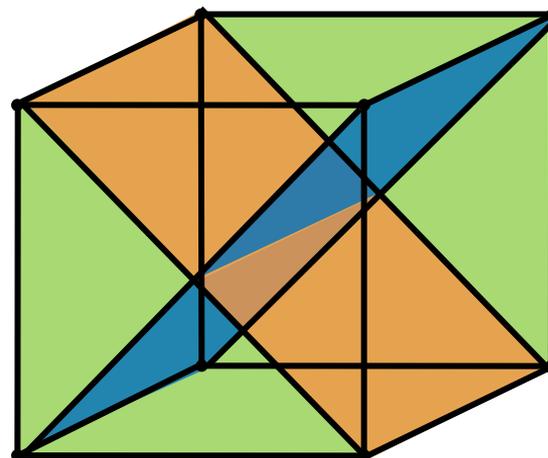
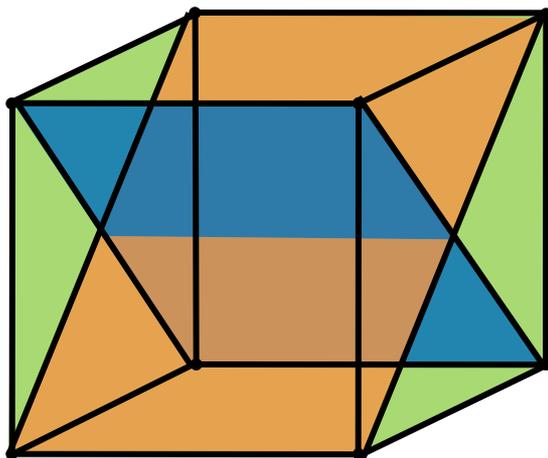
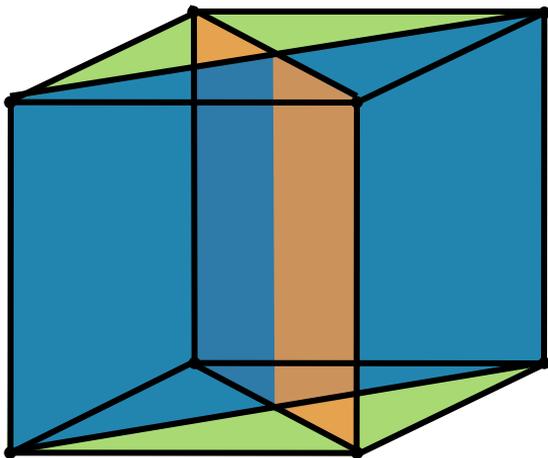


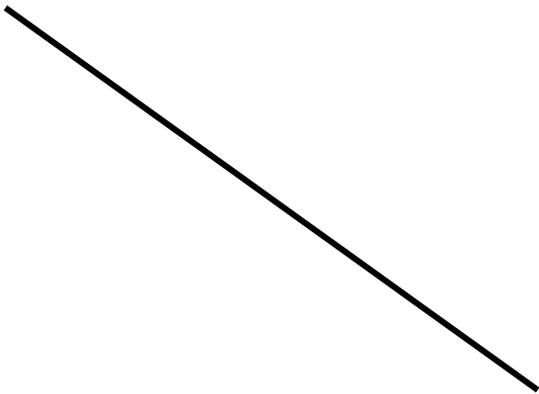
0 – центр симметрии;



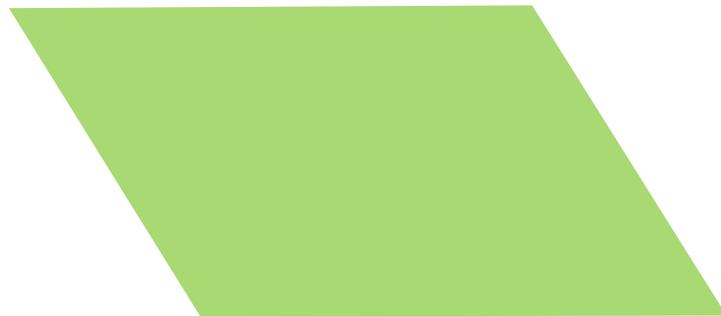




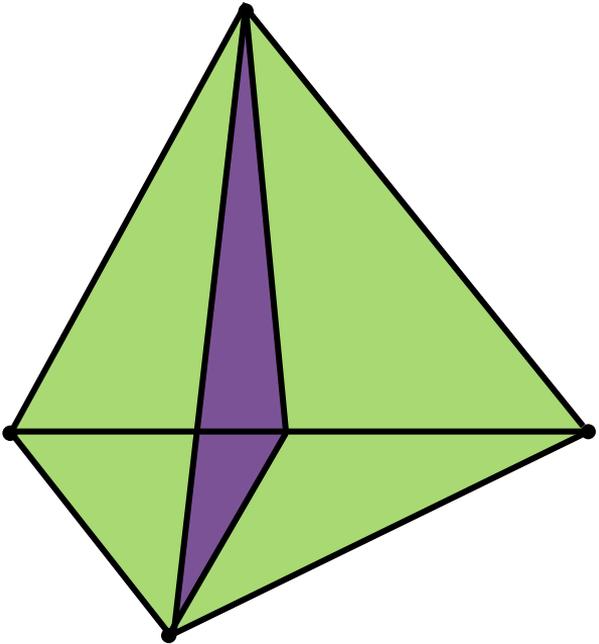
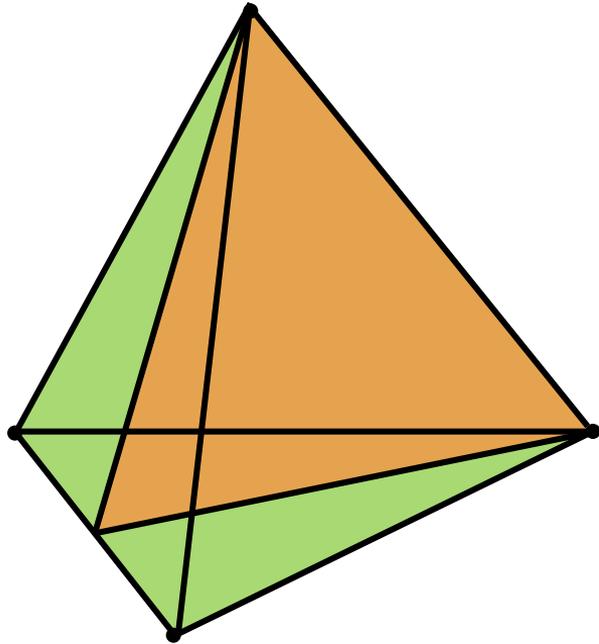
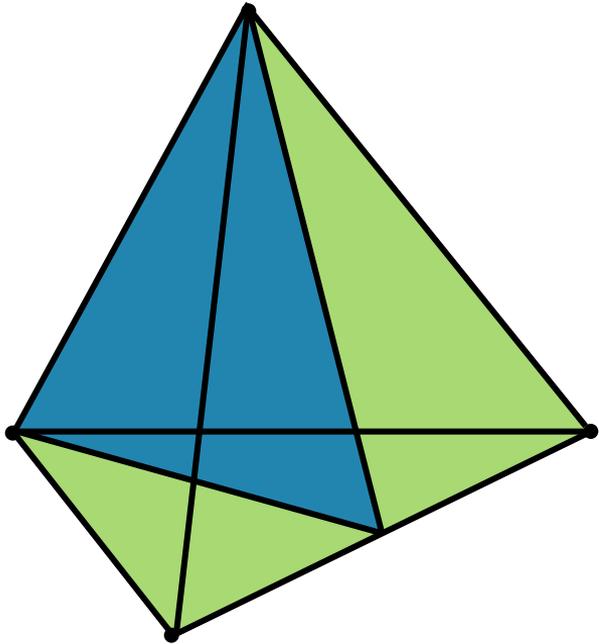


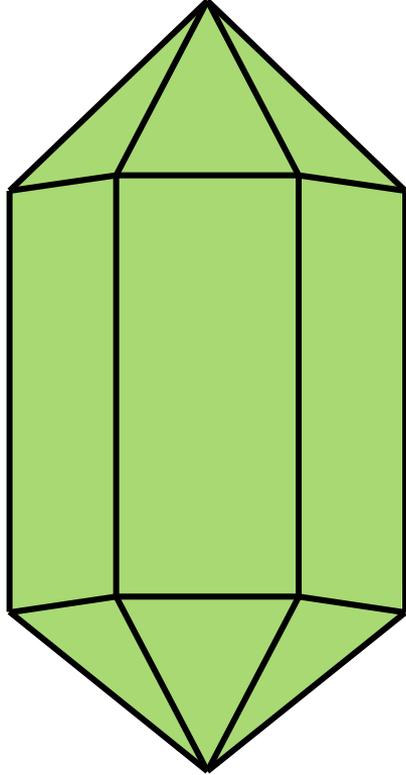


Прямая



Плоскость





**Задача 1.** Сколько осей симметрии имеет:

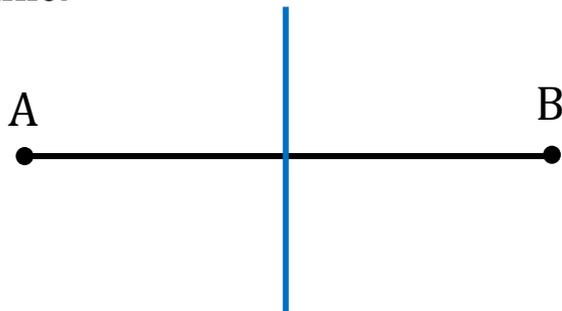
а) отрезок;

б) правильный треугольник;

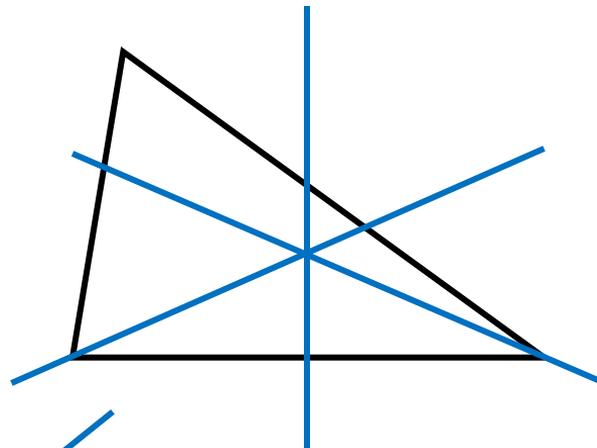
в) куб?

**Решение:**

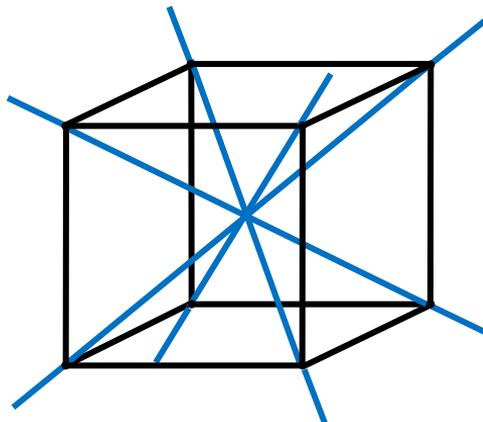
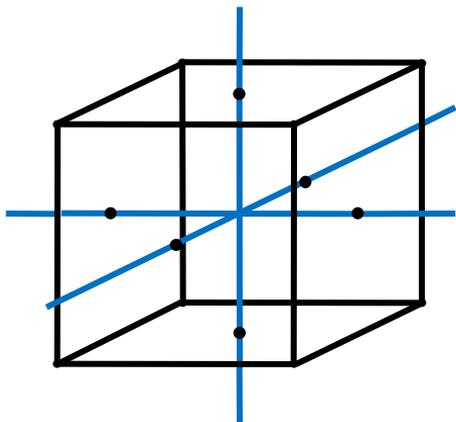
а)



б)



в)



**Ответ:** а) 1;  
б) 3;  
в) 9.