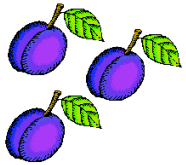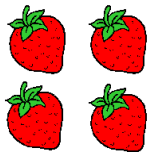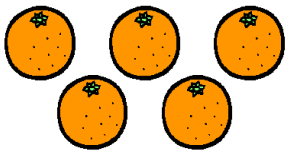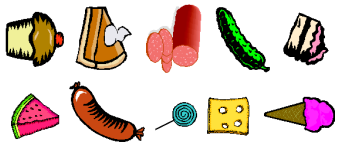Hungry Caterpillar Graph