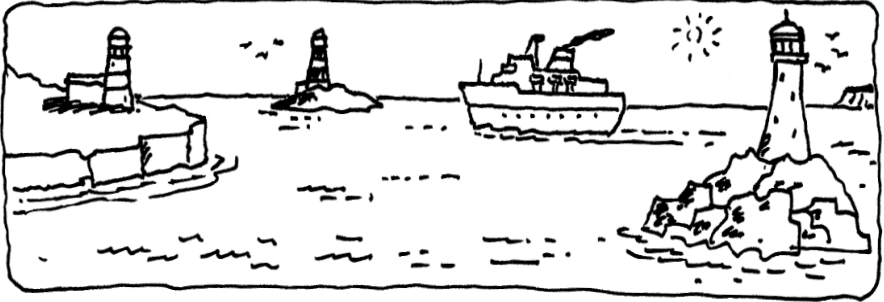


## **51. LIGHTHOUSES**

**On the coast there are three light houses.**



**The first light shines for 3 seconds, then is off for 3 seconds.**

**The second light shines for 4 seconds, then is off for 4 seconds.**

**The third light shines for 5 seconds, then is off for 5 seconds.**

**All three lights have just come on together.**

**When is the first time that all three lights will be off?**

**When is the next time that all three lights will come on at the same moment?**