

# Puzzle of the Week

## *Pirates with Gold – 2*

There are five pirates on an island, and they have a total of 12 gold coins.

The rules are:

1. The pirates are very smart.
2. Each pirate wants as much of the gold as possible for themselves, and does not care about the others.
3. The youngest pirate must propose a plan for splitting up the gold. If the plan is acceptable to over half of all the pirates (including the youngest), then the plan is adopted. Otherwise, the youngest pirate is forced to leave the island with no gold, and the new youngest pirate must propose a plan.

**THE CHALLENGE:** What is the most gold coins the youngest pirate can get in an acceptable plan?



**EXPLORATION:** Explore what happens when there are more than five pirates.