

## MASTER BEDTIME TALE: DEEP SIX THE OPALS OR MUTINY

STANDARD KNOWLEDGE - Geology and Mathematics apl and others

*Elementary*

The earth's surface has as many as xxxx islands arranged in different configurations (island chains, lone islands, far from land, etc.). For instance In the South Seas, the ratio of island to sea is....X to Y.

- where there are depressions in land, and there is water, the water fills them in.
- Whether the water stays there depends on many things.
- when a body of water is very deep, it is usually because....

### BEDTIME STORY

On his last voyage, Annie's father (the Captain) had to deep-six a casket of Australian black opals in "the deepest part of the ocean." Many of the crew believed that opals were evil and would curse the voyage causing some terrible disaster. Although he hid them from them, the crew had somehow learned he had them and made him throw them overboard on threat of mutiny. He had used all his retirement savings to buy them, and thus lost his hope of a comfortable retirement.

***The following depth chart shows the ocean depths. Given that Captain Chase was sailing from Australia to New Bedford, pinpoint the places the opals would most likely have been jettisoned if one assumes the story is true.***

***and so on***