Name_____ Date_____

Island Math

These math problems are based on some of the things you read about in The Cay. Work with a partner or on your own to solve them. Do your work on a separate sheet of paper and show all work.

1. The island was about one mile long and half a mile wide. What is the perimeter of the island? (**Hint:** P = 2L + 2W) **Answer:** _____ miles	5. Timothy thought they might be on the island called Devil's Mouth; 40 or 50 miles of coral banks ran on either side. How many kilometers is that? (**Hint:** 1 mi. = 1.61 km) **Answer:** _____ km or _____ km
2. Timothy found a place to make their camp near a palm which was about 40 feet from the ocean. How many inches is that? (**Hint:** 12 in. = 1 ft.) **Answer:** _____ inches	6. When Timothy first spotted the island, he figured they were two miles away from it. How many feet is that? (**Hint:** 1 mi. = 5,280 ft.) **Answer:** _____ feet
3. Their hut was eight feet wide and six feet long. What is the perimeter of the hut? (**Hint:** P = 2L + 2W) **Answer:** _____ feet	7. Slowly, Phillip began to know the island. He believed that the beach was 40 yards wide in most places. How many feet is that? (**Hint:** 3 ft. = 1 yd.) **Answer:** _____ feet
4. The roof of the hut sloped back and was about six feet off the ground. About how many meters is that? (**Hint:** 1 ft. = .3 m) **Answer:** _____m	8. Flying fish flopped right onto the raft. They could jump as high as 30 feet. How many yards is that? (**Hint:** 3 ft. = 1 yd.) **Answer:** _____ yds.

Extension: Using the information in the problems above, make up your own word problem.

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