

Name _____

Pirate Problems to Plunder

1. Two pirate ships are in a race to find hidden treasure. Look at the treasure map supplied by your teacher. The ships are both sailing toward the X on the map, but they can go only left, right, up, or down. They cannot travel diagonally, and they must avoid the rocks or else they will crash.
 - a. On the map, draw the fastest route to the treasure for each boat (going through the middle of each square).
 - b. Using your route, if each boat could travel 2 squares every hour, how many hours would it take the ship with the white sails to reach the treasure? (Include the square where it begins and the square with the X.)
 - c. How many hours will it take for the ship with the orange sails?
2.
 - a. Using your treasure map from last week, draw a different route to the treasure for each ship.
 - b. Exchange your map with a partner. Use your partner's routes to tell how many hours it would take for each ship to reach the treasure if each was traveling 3 squares every hour. Share your solution strategy with your partner.