

You will need the treasure map, the map scale, and a ruler to solve these problems.

- 1.** Draw a line on the treasure map from the anchor through the heavy objects. Use a ruler to draw a line as close to the points as possible. All of the points may not be on your line but they should be near the line you draw.
- 2.** Complete the table with the coordinates for each of the objects on the treasure map.

Object	Coordinates
Cannon Balls	(18, 35)
Sword	
Cannon	
Anchor	
Chest of Coins	
Chains	75 right, 170 front

- 3. A.** When Grace and Nicholas were searching for the Ghost Galleon, they found some heavy chains. They found the chains 75 feet to the right and 170 feet to the front of the anchor. Mark a point on the map to show where they found the chains. Label the point on the map.
- B.** Does this point fall close to your best-fit line? Explain your answer.

4. A. How far is it from the anchor to the cannon on the map?

B. How far is it from the anchor to the cannon on the sea floor?
Show or tell how you found your answer.

5. A. Grace and Nicholas found the Ghost Galleon at the edge of this grid. Use your line to predict where they found the treasure. Mark and label this point on the map.

B. What are the coordinates for the point you marked?

