

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Playground at the Park-HW

The community park is adding new play areas and equipment on the playground. The plan below shows part of the new park.

- The new playground space has a length of 8 yards.
- The new playground space has an area of 48 square yards.
- Attached to the playground is a sandbox.
  - The width of the sandbox is half the width of the playground.
  - The sandbox is a square.

Can you find the area of just the sandbox? Use the space below to show the steps and explain your answer using precise language, symbols and numbers.

