



Masonry Merit

1. Complete the following:
 - a. Define *masonry* and explain why these materials are considered one of the most desired in the building trade.
 - b. Write a brief history of this trade. Name at least three well-known masonry structures that were built hundreds of years ago and are considered significant architectural achievements.
 - c. Name at least five ways masonry work is used.

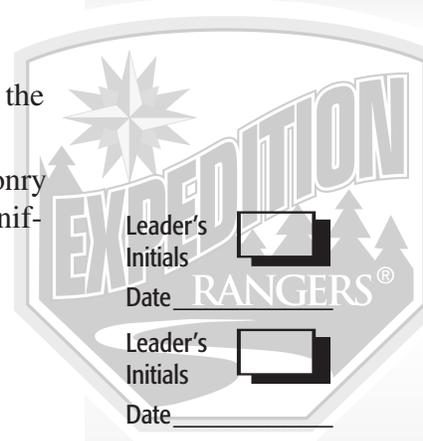
2. List the duties and skills required of a bricklayer.

3. List at least four types of building materials that are used in making a wall or structure. Describe from what each material is made.

4. Define the following trade terms:
 - a. Mortar
 - b. Bond
 - c. Joint
 - d. Course
 - e. Header
 - f. Rowlock
 - g. Stretcher
 - h. Soldier
 - i. Sailor

5. Sketch a drawing of a brick, then label its surfaces.

6. Draw a sketch of each of the following bonds:
 - a. Running or stretcher
 - b. Stack
 - c. Herringbone
 - d. Basket weave



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7. Identify six different tools that are unique to the bricklaying trade. Demonstrate to your commander, or to an adult that is familiar with the tools, how to use the tools.

8. Describe how bricks are made today in the United States.

9. Assist in new construction or the repair of a masonry project with adult supervision. Use brick or brick and block according to project specifications and drawings. This project may be completed at home, at a residence, at a church construction site, or at a missions project. Take photographs (before, during, and after) of your project and insert them in your workbook.

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10. Interview a bricklayer about his career. Write a report about your conversation. Include his opinions about the positive and negative aspects of the job. Ask about job entry requirements as well as licensing.

11. Complete the following:

- a. Describe the education, preparation, or training needed to become a bricklayer.
- b. List the salary range for this occupation.
- c. Describe the demand for a bricklayer.

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