

# Metals and Alloys

## Understanding Main Ideas

*Answer the following in the spaces provided.*

1. What is an alloy?

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2. What are two advantages of using alloys instead of pure metals?

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3. What metal is the main element in all types of steel?

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4. Describe the three characteristics that make steel alloys valuable.

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5. Describe three methods used to make alloys.

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*Fill in the spaces in the table below.*

Name of Alloy	Uses
6.	musical instruments, faucets, jewelry, decorative hardware
stainless steel	7.
carbon steel	8.
9.	jewelry, tableware